

Converting Colors

XYZ(98.6343, 95.2454, 94.2900)

Have a look what the booklet for
XYZ(98.6343, 95.2454, 94.2900)
contains.

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Color

**XYZ(87.8327, 89.7532,
93.5837)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFF0EE |
| RGB | 255, 240, 238 |
| RGB Percent | 100%, 94%, 93% |
| CMY | 0.0000, 0.0588, 0.0667 |
| CMYK | 0.00, 0.06, 0.07, 0.00 |
| HSL | 7°, 100%, 97% |
| HSV | 7°, 7%, 100% |
| XYZ | 87.8327, 89.7532, 93.5837 |
| YIQ | 244.2570, 9.5820, 2.5580 |

Conversions

Conversions Part 2

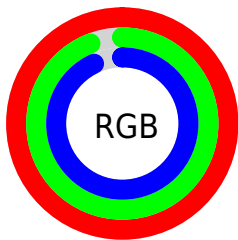
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 240, 238 |
| Decimal | 16773358 |
| CIE Lab | 95.89, 4.71, 2.77 |
| CIE LCh | 96, 5.464, 30.405 |
| Yxy | 89.7532, 0.3239, 0.3310 |
| Android (android.graphics.Color) | 4294963438 (0xFFFFF0EE) |
| YUV | 244.2570, -3.0847, 9.4216 |
| Hunter-Lab | 94.7382, -0.3027, 7.7492 |

Details

The XYZ color **87.8327, 89.7532, 93.5837** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.4343, 95.6452, 108.4081**, and the grayscale version is **86.2152, 90.7051, 98.7778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8727, 49.6641, 51.2662** is the 20% darker color. If you saturate the color by 10%, you get **78.1323, 75.9294, 73.1575**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

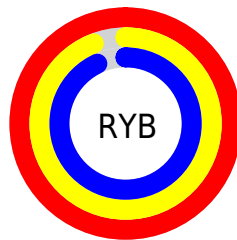
Distribution



Red (100%)

Green (94%)

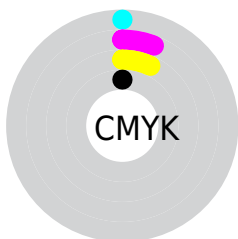
Blue (93%)



Red (100%)

Yellow (94%)

Blue (93%)

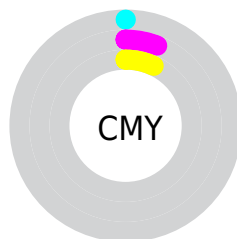


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.8327, 89.7532, 93.5837 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.8327, 89.7532, 93.5837 by changing the saturation by 10% instead.


 87.8327, 89.7532,
93.5837

 87.8327, 89.7532,
93.5837


509.2988,
527.2277, 560.4889

 66.5149, 67.7760,
70.3664


143.2179,
146.9955, 154.2852

 48.9597, 49.7155,
51.3466


178.0160,
183.0294, 192.6064

 34.8019, 35.1874,
36.1059


218.0383,
224.5176, 236.7994

 23.6761, 23.8073,
24.2257

263.6500,
271.8446, 287.2826

 15.2170, 15.1907,
15.2874

315.2165,
325.3947, 344.4746

 9.0591, 8.9533,
8.8724

373.1033,

 4.8372, 4.7108,

385.5523, 408.7940

4.5624

437.6756,
452.7018, 480.6593

■ 2.1858, 2.0786,
1.9387

■ 0.7353, 0.6525,
0.5172

■ 87.8327, 89.7532,
93.5837

■ 87.8327, 89.7532,
93.5837

■ 78.1323, 75.9294,
73.1575

95.0500, 100.0000,
108.9000

■ 69.7293, 63.8870,
55.6709

■ 62.5703, 53.5569,
40.9903

■ 56.5957, 44.8610,
28.9693

■ 51.7412, 37.7154,
19.4482

■ 47.9361, 32.0287,
12.2503

■ 45.1017, 27.6995,
7.1756

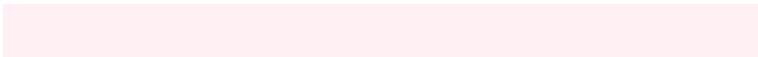
■ 43.1478, 24.6136,
3.9903

■ 41.9660, 22.6374,
2.4017

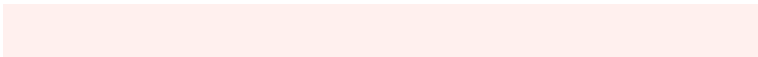
Harmonies

Analogous

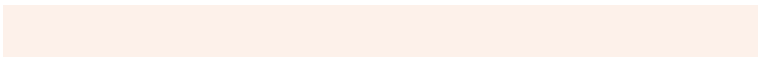
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2398, 89.7532, 97.6673



87.8327, 89.7532, 93.5837



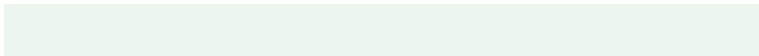
86.7476, 89.7532, 90.6825

Triad

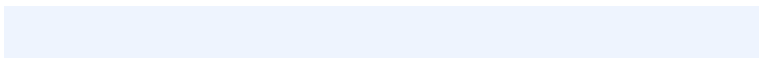
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8327, 89.7532, 93.5837



82.8115, 89.7532, 93.6824



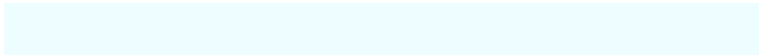
85.3282, 89.7532, 106.2662

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



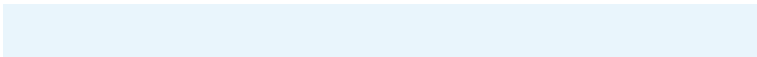
87.8327, 89.7532, 93.5837



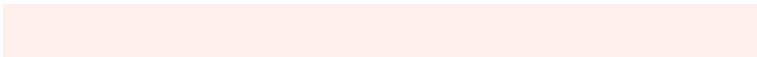
88.4343, 95.6452, 108.4081

Split Complementary

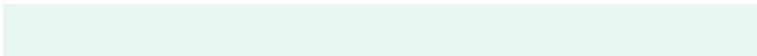
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.8839, 89.7532, 105.1250



87.8327, 89.7532, 93.5837



82.4413, 89.7532, 97.7846

Square

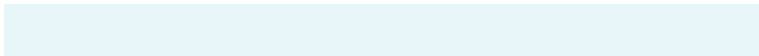
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.8327, 89.7532, 93.5837



83.8488, 89.7532, 90.7383



82.8316, 89.7532, 101.9887



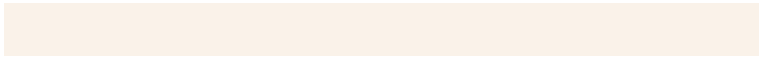
86.7834, 89.7532, 105.0635

Rectangle

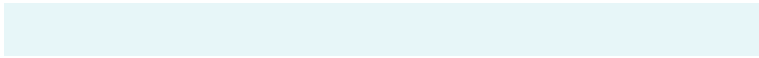
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



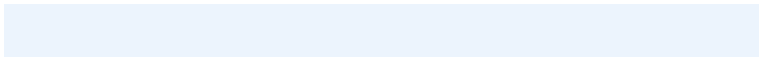
87.8327, 89.7532, 93.5837



85.7919, 89.7532, 89.7656



82.8316, 89.7532, 101.9887



84.8254, 89.7532, 106.1436

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.8347, 89.7569, 93.5856



92.8213, 96.8391, 104.1599



89.5473, 89.5030, 105.4987



19.8909, 20.7607, 22.3441



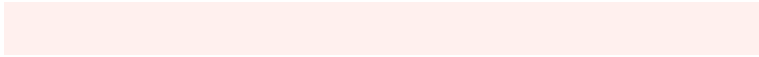
0.0000, 0.0000, 0.0000



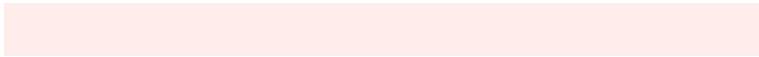
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8347, 89.7569, 93.5856



86.4634, 87.8066, 90.6859



90.3893, 94.8659, 94.4371



18.1818, 18.3319, 18.7244



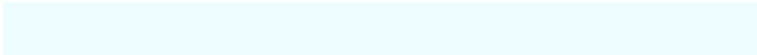
21.8464, 11.7039, 1.1077



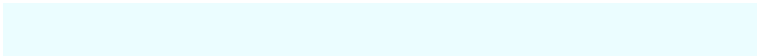
2.1797, 1.2448, 0.1254

Inverse Universe

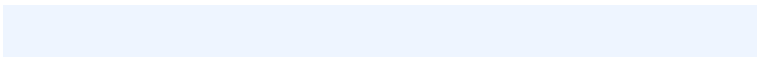
The Inverse Universe completely reimagines the original color for something new.



88.4343, 95.6452, 108.4081



87.1764, 94.8090, 108.3130



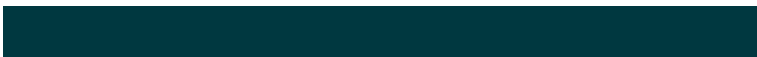
85.8171, 90.4108, 107.5357



18.3613, 20.0941, 23.1608



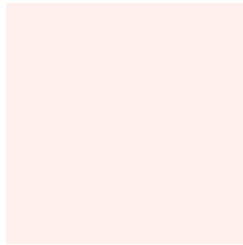
23.5635, 32.0365, 54.3763



2.3438, 3.2183, 5.3109

Previews

White Background



This preview shows how the XYZ color 87.8327, 89.7532, 93.5837 looks on a white background.

Color Contrast Check

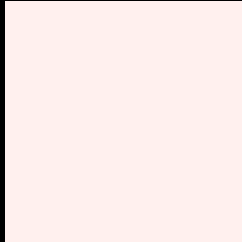
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.8327, 89.7532, 93.5837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

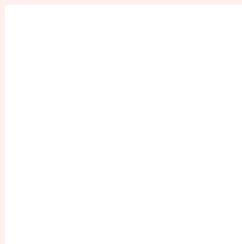
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.8327, 89.7532, 93.5837

Background



This preview shows how black text looks on a background with the XYZ color 87.8327, 89.7532, 93.5837.



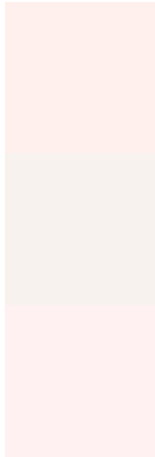
This preview shows how white text looks on a background with the XYZ color 87.8327, 89.7532,

93.5837.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.8327, 89.7532, 93.5837

Protanopia

86.0435, 89.6927, 94.4388

Deuteranopia

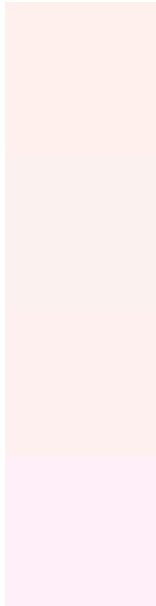
88.2773, 89.9311, 95.9248



Tritanopia

89.7039, 89.5648, 106.3258

Trichromacy



Original Color

87.8327, 89.7532, 93.5837

Protanomaly

86.8189, 89.6518, 94.3900

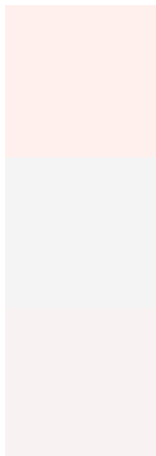
Deuteranomaly

88.1283, 89.8714, 95.1401

Tritanomaly

89.0498, 89.7703, 101.4409

Monochromacy



Original Color

87.8327, 89.7532, 93.5837

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.7890, 90.4684, 96.8923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8327, 89.7532, 93.5837 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(255, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 87.8327, 89.7532, 93.5837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 240, 238) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 240, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 240, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8327, 89.7532, 93.5837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
240, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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