

Converting Colors

XYZ(108.8826, 100.0000,
96.1661)

Have a look what the booklet for
XYZ(108.8826, 100.0000, 96.1661)
contains.

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Color

**XYZ(87.8347, 89.2843,
95.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF0
RGB	255, 239, 240
RGB Percent	100%, 94%, 94%
CMY	0.0000, 0.0627, 0.0588
CMYK	0.00, 0.06, 0.06, 0.00
HSL	356°, 100%, 97%
HSV	356°, 6%, 100%
XYZ	87.8347, 89.2843, 95.0423
YIQ	243.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

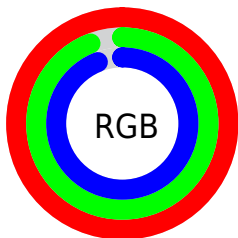
Format	Color
R _Y B	255, 239, 240
Decimal	16773104
CIE Lab	95.70, 5.56, 1.45
CIE LCh	96, 5.742, 14.583
Yxy	89.2843, 0.3227, 0.3281
Android (android.graphics.Color)	4294963184 (0xFFFFE0F0)
YUV	243.8980, -1.9217, 9.7365
Hunter-Lab	94.4904, 0.5688, 6.5069

Details

The XYZ color **87.8347, 89.2843, 95.0423** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.2488, 97.0278, 107.7939**, and the grayscale version is **85.9191, 90.3936, 98.4386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8739, 49.3334, 52.2938** is the 20% darker color. If you saturate the color by 10%, you get **77.5679, 74.0660, 75.2340**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

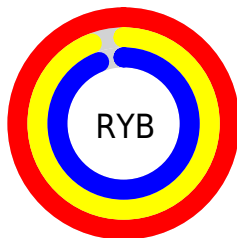
Distribution



Red (100%)

Green (94%)

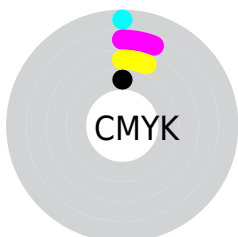
Blue (94%)



Red (100%)

Yellow (94%)

Blue (94%)

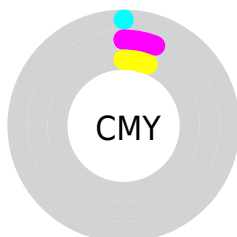


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.8347, 89.2843, 95.0423 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 87.8347, 89.2843, 95.0423 by changing the saturation by 10% instead.


 87.8347, 89.2843,
95.0423

 87.8347, 89.2843,
95.0423


509.3053,
525.7000, 565.2882

 66.5165, 67.3872,
71.5731


143.2207,
146.3439, 156.3191

 48.9611, 49.3994,
52.3253


178.0192,
182.2751, 194.9638

 34.8030, 34.9364,
36.8804

218.0419,
223.6532, 239.5041

 23.6770, 23.6139,
24.8199

263.6541,
270.8625, 290.3585

 15.2176, 15.0474,
15.7251

315.2212,
324.2874, 347.9456

 9.0596, 8.8527,
9.1776

373.1085,

 4.8375, 4.6452,

384.3124, 412.6839

4.7588

437.6814,
451.3218, 484.9919

■ 2.1860, 2.0406,
2.0502

■ 0.7353, 0.6309,
0.5859

■ 87.8347, 89.2843,
95.0423

■ 87.8347, 89.2843,
95.0423

■ 77.5679, 74.0660,
75.2340

95.0500, 100.0000,
108.9000

■ 68.7585, 61.0426,
58.1302

■ 61.3422, 50.1163,
43.6151

■ 55.2475, 41.1774,
31.5627

■ 50.3967, 34.1064,
21.8361

■ 46.7039, 28.7708,
14.2854

■ 44.0723, 25.0209,
8.7429

■ 42.3893, 22.6817,
5.0165

■ 41.5164, 21.5356,
2.8764

Harmonies

Analogous

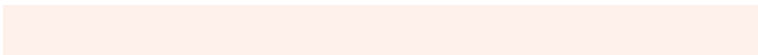
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8230, 89.2843, 99.5456



87.8347, 89.2843, 95.0423



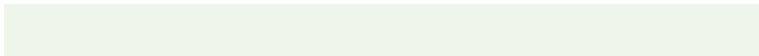
87.0431, 89.2843, 91.2381

Triad

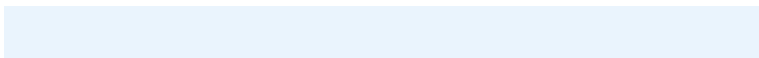
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8347, 89.2843, 95.0423



82.7485, 89.2843, 91.1524



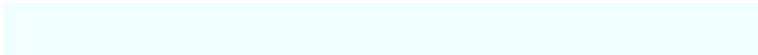
84.0574, 89.2843, 105.8419

Complementary

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



87.8347, 89.2843, 95.0423



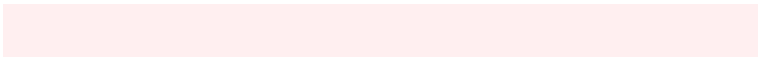
89.2488, 97.0278, 107.7939

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.



82.7177, 89.2843, 103.4482



87.8347, 89.2843, 95.0423



81.9684, 89.2843, 94.9219

Square

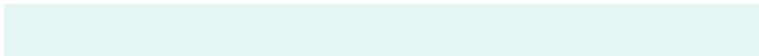
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.8347, 89.2843, 95.0423



84.0998, 89.2843, 89.0400



81.9572, 89.2843, 99.4214



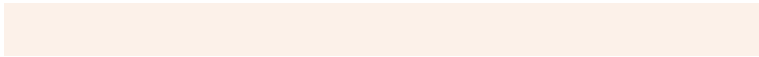
85.6289, 89.2843, 105.8766

Rectangle

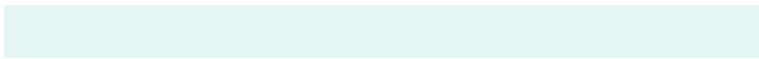
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



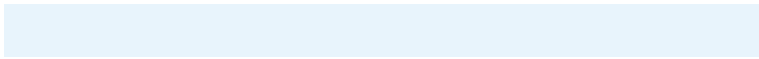
87.8347, 89.2843, 95.0423



86.1720, 89.2843, 89.5707



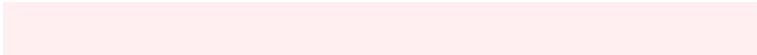
81.9572, 89.2843, 99.4214



83.5655, 89.2843, 105.2832

Sweetspot

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



87.8367, 89.2879, 95.0442



92.6840, 96.4849, 104.3598



89.7671, 90.0149, 107.2511



19.8630, 20.6885, 22.3849



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

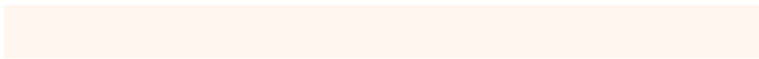
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8367, 89.2879, 95.0442



85.9554, 86.4964, 91.4229



89.7574, 93.3654, 94.9567



18.0552, 18.0054, 18.9079



21.6146, 11.1351, 1.3549



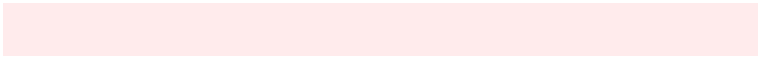
2.1199, 1.0903, 0.2127

Inverse Universe

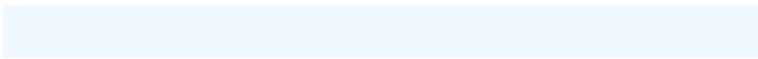
The Inverse Universe completely reimagines the original color for something new.



87.8367, 89.2879, 95.0442



85.9554, 86.4964, 91.4229



87.2374, 92.7492, 107.9122



18.0552, 18.0054, 18.9079



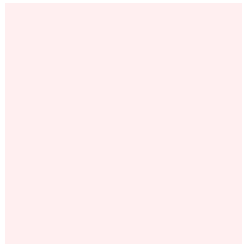
21.6146, 11.1351, 1.3549



2.1199, 1.0903, 0.2127

Previews

White Background



This preview shows how the XYZ color 87.8347, 89.2843, 95.0423 looks on a white background.

Color Contrast Check

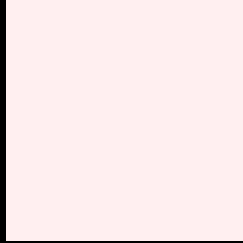
Large Text (above 18pt) WCAG AA × Fail

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 87.8347, 89.2843, 95.0423 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

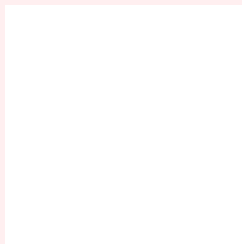
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.8347, 89.2843, 95.0423

Background



This preview shows how black text looks on a background with the XYZ color 87.8347, 89.2843, 95.0423.



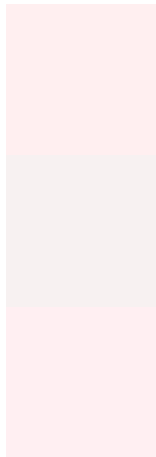
This preview shows how white text looks on a background with the XYZ color 87.8347, 89.2843,

95.0423.

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

87.8347, 89.2843, 95.0423

Protanopia

85.6903, 89.0356, 95.8883

Deuteranopia

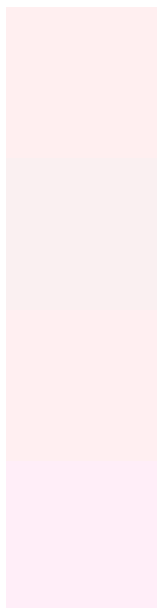
88.1335, 89.4038, 96.6159



Tritanopia

89.5442, 89.5009, 105.4844

Trichromacy



Original Color

87.8347, 89.2843, 95.0423

Protanomaly

86.4616, 88.9950, 95.8398

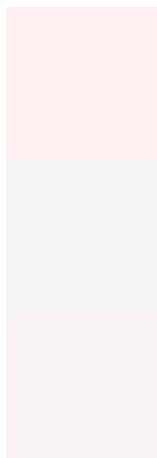
Deuteranomaly

87.9837, 89.3439, 95.8269

Tritanomaly

88.7578, 89.1864, 101.3436

Monochromacy



Original Color

87.8347, 89.2843, 95.0423

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.6412, 89.9318, 97.5861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8347, 89.2843, 95.0423 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, 239, 240) looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 240)  
}
```

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, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 240) }
```

Border

The CSS property to change the border of an element to XYZ 87.8347, 89.2843, 95.0423 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, 239, 240) }
```


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

```
.border{ border-color:rgb(255, 239, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 239, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8347, 89.2843, 95.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 240) }
```

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

```
.background{ background-color: rgb(255,  
239, 240) }
```

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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