

Converting Colors

XYZ(99.5589, 97.3267, 94.7019)

Have a look what the booklet for
XYZ(99.5589, 97.3267, 94.7019)
contains.

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Color

**XYZ(88.7232, 91.5342,
93.8806)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3EE
RGB	255, 243, 238
RGB Percent	100%, 95%, 93%
CMY	0.0000, 0.0470, 0.0667
CMYK	0.00, 0.05, 0.07, 0.00
HSL	18°, 100%, 97%
HSV	18°, 7%, 100%
XYZ	88.7232, 91.5342, 93.8806
YIQ	246.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

Format	Color
RYB	255, 245, 238
Decimal	16774126
CIELab	96.63, 3.18, 3.83
CIELCh	97, 4.982, 50.283
Yxy	91.5342, 0.3236, 0.3339
Android (android.graphics.Color)	4294964206 (0xFFFFF3EE)
YUV	246.0180, -3.9529, 7.8772
Hunter-Lab	95.6735, -1.8960, 8.7925

Details

The XYZ color **88.7232, 91.5342, 93.8806** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.4948, 93.7660, 108.0949**, and the grayscale version is **87.6398, 92.2039, 100.4101**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5025, 50.9238, 51.4762** is the 20% darker color. If you saturate the color by 10%, you get **80.1159, 79.8964, 73.8187**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

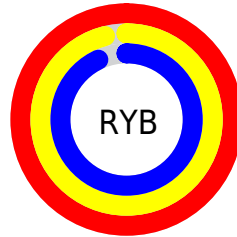
Distribution



Red (100%)

Green (95%)

Blue (93%)



Red (100%)

Yellow (96%)

Blue (93%)



Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7232, 91.5342, 93.8806 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 88.7232, 91.5342, 93.8806 by changing the saturation by 10% instead.

88.7232, 91.5342,
93.8806

88.7232, 91.5342,
93.8806

512.1687,
533.0090, 561.4676

67.2549, 69.2538,
70.6119

144.4510,
149.4676, 154.6994

49.5633, 50.9184,
51.5457

179.4412,
185.8895, 193.0867

35.2829, 36.1437,
36.2633

219.6695,
227.7939, 237.3505

24.0484, 24.5452,
24.3463

265.5011,
275.5654, 287.9095

15.4945, 15.7385,
15.3762

317.3015,
329.5882, 345.1822

9.2557, 9.3393,
8.9343

375.4360,

4.9668, 4.9632,

390.2468, 409.5870

4.6021

440.2699,
457.9256, 481.5427

■ 2.2623, 2.2257,
1.9611

■ 0.7753, 0.7339,
0.5312

■ 88.7232, 91.5342,
93.8806

■ 88.7232, 91.5342,
93.8806

■ 80.1159, 79.8964,
73.8187

95.0500, 100.0000,
108.9000

■ 72.5276, 69.4835,
56.6037

■ 65.9209, 60.2580,
42.1072

■ 60.2535, 52.1766,
30.1886

■ 55.4800, 45.1930,
20.6945

■ 51.5506, 39.2576,
13.4552

■ 48.4104, 34.3167,
8.2785

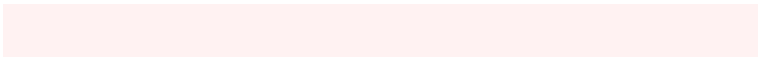
■ 45.9966, 30.3112,
4.9399

■ 44.2343, 27.1740,
3.1578

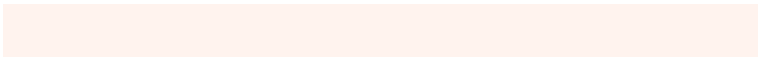
Harmonies

Analogous

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



89.5370, 91.5342, 97.0297



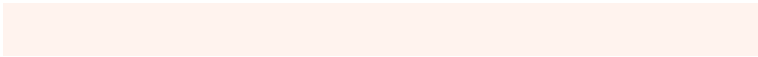
88.7232, 91.5342, 93.8806



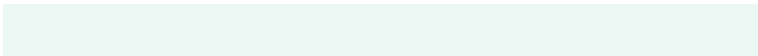
87.4533, 91.5342, 92.2943

Triad

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



88.7232, 91.5342, 93.8806



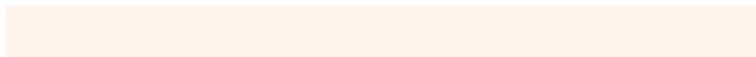
84.3872, 91.5342, 98.3761



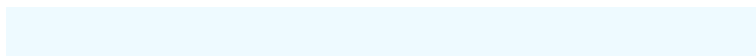
87.9323, 91.5342, 107.0346

Complementary

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



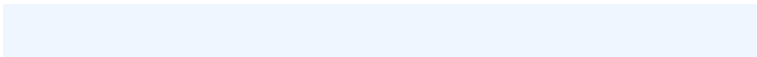
88.7232, 91.5342, 93.8806



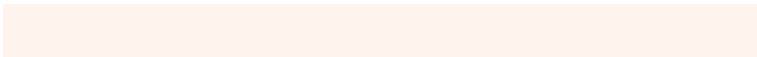
87.4948, 93.7660, 108.0949

Split Complementary

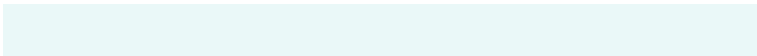
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5492, 91.5342, 107.4185



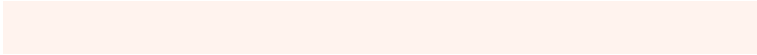
88.7232, 91.5342, 93.8806



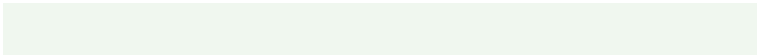
84.5124, 91.5342, 102.3479

Square

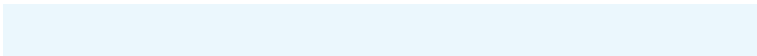
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7232, 91.5342, 93.8806



84.9565, 91.5342, 94.8437



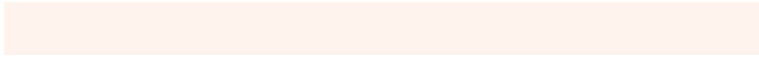
85.3003, 91.5342, 105.6826



89.0770, 91.5342, 104.6474

Rectangle

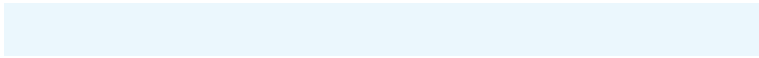
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7232, 91.5342, 93.8806



86.5233, 91.5342, 92.3068



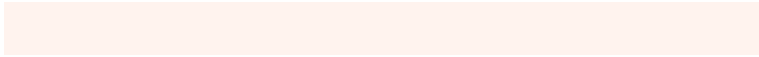
85.3003, 91.5342, 105.6826



87.4795, 91.5342, 107.4046

Sweetspot

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



88.7253, 91.5379, 93.8825



93.1024, 97.4013, 104.2536



89.0992, 89.3238, 103.1389



19.9482, 20.8752, 22.3632



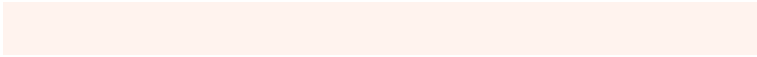
0.0000, 0.0000, 0.0000



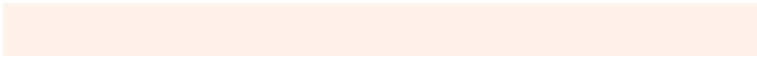
20.3446, 21.4041, 23.3091

Same Dimension

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



88.7253, 91.5379, 93.8825



87.5164, 89.9125, 91.0368



91.2692, 96.6258, 94.7305



18.4451, 18.8584, 18.8122



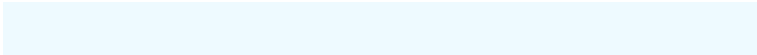
22.9777, 13.9667, 1.4848



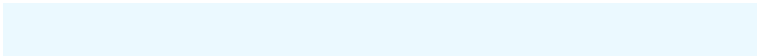
2.3271, 1.5396, 0.1745

Inverse Universe

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



87.4948, 93.7660, 108.0949



86.0529, 92.5620, 107.9385



84.9689, 88.7142, 107.2530



18.0767, 19.5251, 23.0659



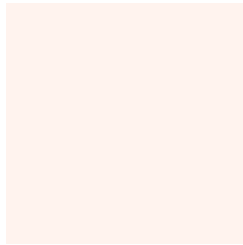
18.0880, 21.0855, 52.5512



1.8560, 2.2427, 5.1483

Previews

White Background



This preview shows how the XYZ color 88.7232, 91.5342, 93.8806 looks on a white background.

Color Contrast Check

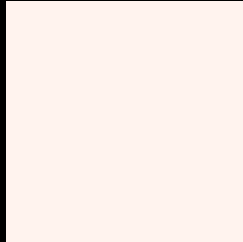
Large Text (above 18pt) WCAG AA × Fail

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 88.7232, 91.5342, 93.8806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

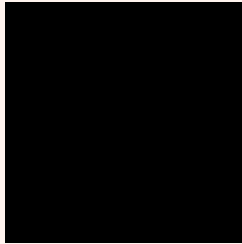
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

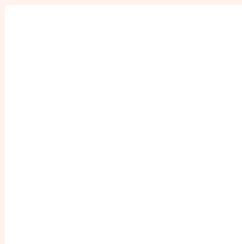
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.7232, 91.5342, 93.8806

Background



This preview shows how black text looks on a background with the XYZ color 88.7232, 91.5342, 93.8806.



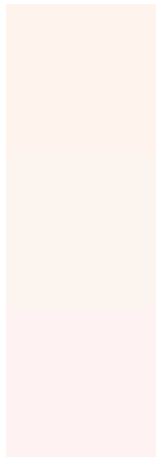
This preview shows how white text looks on a background with the XYZ color 88.7232, 91.5342,

93.806.

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

88.7232, 91.5342, 93.8806

Protanopia

87.7143, 91.4426, 94.6885

Deuteranopia

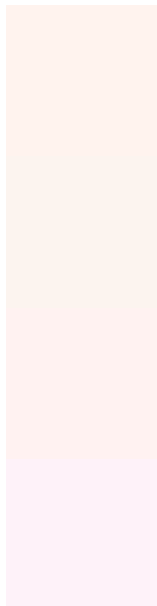
89.1698, 91.2353, 97.7044



Tritanopia

90.3783, 91.2014, 107.4479

Trichromacy



Original Color

88.7232, 91.5342, 93.8806

Protanomaly

88.0756, 91.6288, 94.7054

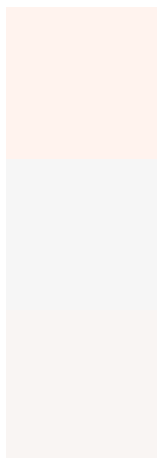
Deuteranomaly

88.8693, 91.1151, 96.1222

Tritanomaly

89.7241, 91.4146, 102.5384

Monochromacy



Original Color

88.7232, 91.5342, 93.8806

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.8970, 91.9156, 97.9028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7232, 91.5342, 93.8806 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, 243, 238) looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 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, 243, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 238) }
```

Border

The CSS property to change the border of an element to XYZ 88.7232, 91.5342, 93.8806 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, 243, 238) }
```


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

```
.border{ border-color:rgb(255, 243, 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, 243, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7232, 91.5342, 93.8806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 238) }
```

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

```
.background{ background-color: rgb(255,  
243, 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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