

Converting Colors

XYZ(88.3384, 88.7813, 99.8666)

Have a look what the booklet for
XYZ(88.3384, 88.7813, 99.8666)
contains.

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Color

**XYZ(88.1587, 88.4822,
99.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDF6
RGB	255, 237, 246
RGB Percent	100%, 93%, 96%
CMY	0.0000, 0.0706, 0.0353
CMYK	0.00, 0.07, 0.04, 0.00
HSL	330°, 100%, 96%
HSV	330°, 7%, 100%
XYZ	88.1587, 88.4822, 99.6211
YIQ	243.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 237, 246
Decimal	16772598
CIE _{Lab}	95.36, 7.60, -2.15
CIE _{LCh}	95, 7.901, 344.179
Yxy	88.4822, 0.3191, 0.3203
Android (android.graphics.Color)	4294962678 (0xFFFFEDF6)
YUV	243.4080, 1.2779, 10.1662
Hunter-Lab	94.0650, 2.6784, 3.0534

Details

The XYZ color **88.1587, 88.4822, 99.6211** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.3223, 96.1797, 101.1545**, and the grayscale version is **85.5040, 89.9568, 97.9630**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1068, 48.7712, 55.5408** is the 20% darker color. If you saturate the color by 10%, you get **79.4039, 73.9979, 87.3759**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (93%)

Blue (96%)



Red (100%)

Yellow (93%)

Blue (96%)



Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1587, 88.4822, 99.6211 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 88.1587, 88.4822, 99.6211 by changing the saturation by 10% instead.


 88.1587, 88.4822,
99.6211

 88.1587, 88.4822,
99.6211

510.3504,
523.0810, 580.2135

 66.7857, 66.7225,
75.3690


143.6695,
145.2283, 162.6837

 49.1806, 48.8591,
55.4117

178.5380,
180.9835, 202.3313

 34.9779, 34.5077,
39.3306


218.6358,
222.1726, 247.9479

 23.8123, 23.2839,
26.7072

264.3281,
269.1800, 299.9519

 15.3184, 14.8033,
17.1230

315.9804,
322.3902, 358.7620

 9.1309, 8.6815,
10.1593

373.9580,

 4.8845, 4.5340,

382.1875, 424.7965

5.3977

438.6262,
448.9563, 498.4742

■ 2.2137, 1.9765,
2.4197

■ 0.7499, 0.5938,
0.7971

■ 88.1587, 88.4822,
99.6211

■ 88.1587, 88.4822,
99.6211

■ 79.4039, 73.9979,
87.3759

95.0500, 100.0000,
108.9000

■ 71.7845, 61.5741,
76.1578

■ 65.2526, 51.1190,
65.9384

■ 59.7544, 42.5295,
56.6856

■ 55.2313, 35.6930,
48.3655

■ 51.6183, 30.4846,
40.9412

■ 48.8421, 26.7628,
34.3725

■ 46.8170, 24.3612,
28.6145

■ 45.4341, 23.0680,
23.6138

Harmonies

Analogous

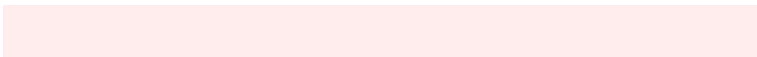
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0270, 88.4822, 105.1256



88.1587, 88.4822, 99.6211



88.1905, 88.4822, 93.4581

Triad

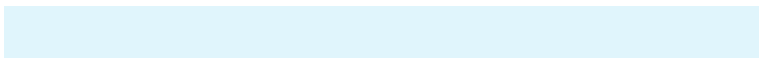
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1587, 88.4822, 99.6211



83.0866, 88.4822, 85.2652



81.1565, 88.4822, 104.8703

Complementary

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



88.1587, 88.4822, 99.6211



87.3223, 96.1797, 101.1545

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.



80.1374, 88.4822, 99.2847



88.1587, 88.4822, 99.6211



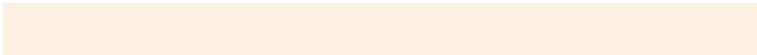
81.2387, 88.4822, 88.0619

Square

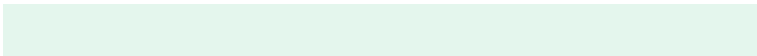
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



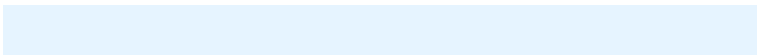
88.1587, 88.4822, 99.6211



85.2370, 88.4822, 85.3465



80.1672, 88.4822, 93.1358



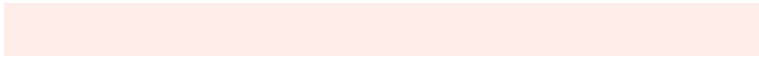
82.9726, 88.4822, 108.2436

Rectangle

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



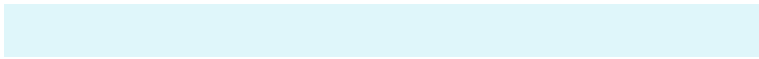
88.1587, 88.4822, 99.6211



87.5822, 88.4822, 89.8141



80.1672, 88.4822, 93.1358



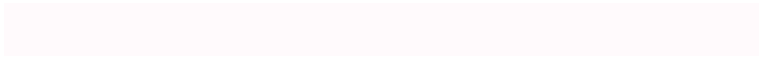
80.7107, 88.4822, 103.1790

Sweetspot

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



88.1607, 88.4858, 99.6230



93.0366, 96.6259, 106.2166



86.3430, 87.3853, 106.9240



19.9348, 20.7173, 22.7630



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

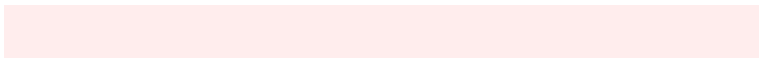
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1607, 88.4858, 99.6230



87.2846, 87.0281, 98.4227



86.8129, 87.9467, 92.5253



18.3881, 18.1386, 20.6610



23.6422, 11.9462, 12.0322



2.3571, 1.1852, 1.4618

Inverse Universe

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



88.1607, 88.4858, 99.6230



87.2846, 87.0281, 98.4227



88.7371, 96.7456, 108.6046



18.3881, 18.1386, 20.6610



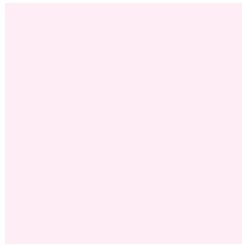
23.6422, 11.9462, 12.0322



2.3571, 1.1852, 1.4618

Previews

White Background



This preview shows how the XYZ color 88.1587, 88.4822, 99.6211 looks on a white background.

Color Contrast Check

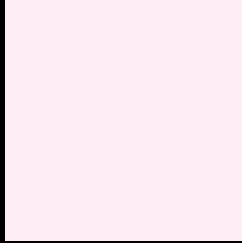
Large Text (above 18pt) WCAG AA × Fail

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 88.1587, 88.4822, 99.6211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

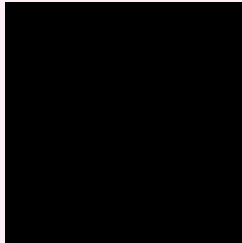
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.1587, 88.4822, 99.6211

Background



This preview shows how black text looks on a background with the XYZ color 88.1587, 88.4822, 99.6211.



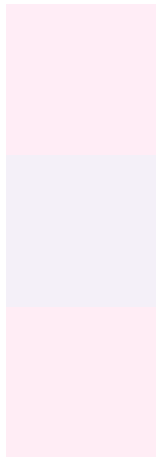
This preview shows how white text looks on a background with the XYZ color 88.1587, 88.4822,

99.6 11.

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

88.1587, 88.4822, 99.6211

Protanopia

85.4116, 88.3306, 101.3548

Deuteranopia

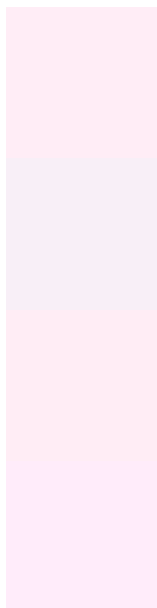
88.0056, 88.4209, 98.8148



Tritanopia

88.9651, 88.3428, 105.2914

Trichromacy



Original Color

88.1587, 88.4822, 99.6211

Protanomaly

86.3664, 88.4049, 100.5075

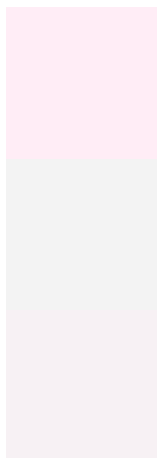
Deuteranomaly

88.0056, 88.4209, 98.8148

Tritanomaly

88.4908, 88.1530, 102.7938

Monochromacy



Original Color

88.1587, 88.4822, 99.6211

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

86.1422, 89.2164, 98.2683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1587, 88.4822, 99.6211 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, 237, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 246)  
}
```

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, 237, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 246) }
```

Border

The CSS property to change the border of an element to XYZ 88.1587, 88.4822, 99.6211 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, 237, 246) }
```


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

```
.border{ border-color:rgb(255, 237, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1587, 88.4822, 99.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 246) }
```

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

```
.background{ background-color: rgb(255,  
237, 246) }
```

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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