

Converting Colors

XYZ(58.6663, 41.5497, 65.6967)

Have a look what the booklet for
XYZ(58.6663, 41.5497, 65.6967)
contains.

XYZ(58.8694, 41.6598, 65.9112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.8694, 41.6598,
65.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	F886D2
RGB	248, 134, 210
RGB Percent	97%, 53%, 82%
CMY	0.0274, 0.4745, 0.1765
CMYK	0.00, 0.46, 0.15, 0.03
HSL	320°, 89%, 75%
HSV	320°, 46%, 97%
XYZ	58.8694, 41.6598, 65.9112
YIQ	176.7500, 43.5480, 47.8040

Conversions

Conversions Part 2

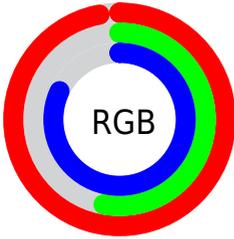
Format	Color
R_{YB}	248, 134, 210
Decimal	16287442
CIE Lab	70.64, 52.78, -19.81
CIE LCh	71, 56.374, 339.423
Yxy	41.6598, 0.3537, 0.2503
Android (android.graphics.Color)	4294477522 (0xFFFF886D2)
YUV	176.7500, 16.3923, 62.4862
Hunter-Lab	64.5444, 49.8529, -15.3644

Details

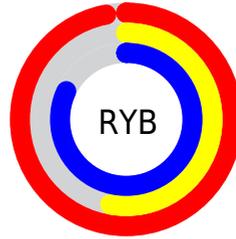
The XYZ color **58.8694, 41.6598, 65.9112** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.8472, 75.1831, 50.8648**, and the grayscale version is **41.5609, 43.7253, 47.6169**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **29.7713, 18.9227, 33.0937** is the 20% darker color. If you saturate the color by 10%, you get **54.8316, 35.1896, 59.6143**, and if you desaturate by 10%, it is **63.7666, 49.7624, 72.7579**.

Distribution



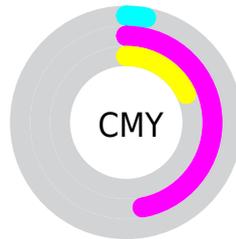
- Red (97%)
- Green (53%)
- Blue (82%)



- Red (97%)
- Yellow (53%)
- Blue (82%)



- Cyan (0%)
- Magenta (46%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8694, 41.6598, 65.9112 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 58.8694, 41.6598, 65.9112 by changing the saturation by 10% instead.

 58.8694, 41.6598,
65.9112

 58.8694, 41.6598,
65.9112

410.3196,
353.0707, 464.4548

 42.7540, 28.8350,
47.7443

 102.3035, 77.6845,
114.9847

 29.8858, 18.9560,
33.2659

 130.3530,
101.6532, 146.7283

 19.8996, 11.6385,
22.0574

 163.1111,
130.1053, 183.8346

 12.4299, 6.4980,
13.7004

200.9432,
163.4252, 226.7221

 7.1114, 3.1502,
7.7762

244.2148,
201.9973, 275.8093

 3.5788, 1.2107,
3.8664

293.2912,

 1.4667, 0.0704,

246.2060, 331.5148

1.5523

348.5376,
296.4357, 394.2571

■ 0.3030, 0.0000,
0.2565

■ 0.0000, 0.0000,
0.0000

■ 58.8694, 41.6598,
65.9112

■ 58.8694, 41.6598,
65.9112

■ 54.8316, 35.1896,
59.6143

■ 63.7666, 49.7624,
72.7579

■ 51.5915, 30.2316,
53.8416

■ 69.5716, 59.5948,
80.1732

■ 49.0851, 26.6584,
48.5680

■ 76.3337, 71.2537,
88.1776

■ 47.2362, 24.3189,
43.7641

■ 84.0973, 84.8268,
96.7897

■ 45.9504, 23.0259,
39.3942

■ 91.9374, 98.4629,
105.7047

■ 45.5333, 22.6853,
37.7337

■ 92.5217, 98.6966,
108.7817

Harmonies

Analogous

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



52.1109, 41.6598, 97.7233



58.8694, 41.6598, 65.9112



60.0524, 41.6598, 37.4610

Triad

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



58.8694, 41.6598, 65.9112



36.7324, 41.6598, 11.2178



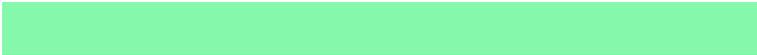
27.2964, 41.6598, 86.4155

Complementary

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



58.8694, 41.6598, 65.9112



50.8472, 75.1831, 50.8648

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.



24.4095, 41.6598, 54.2989



58.8694, 41.6598, 65.9112



29.2653, 41.6598, 16.1298

Square

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



58.8694, 41.6598, 65.9112



46.2395, 41.6598, 12.2669



25.0688, 41.6598, 29.5983



33.6222, 41.6598, 112.4305

Rectangle

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



58.8694, 41.6598, 65.9112



57.3599, 41.6598, 24.5194



25.0688, 41.6598, 29.5983



25.9406, 41.6598, 75.5566

Sweetspot

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



58.8707, 41.6618, 65.9120



82.8425, 78.5568, 95.6695



42.4837, 32.6005, 92.8611



17.3699, 16.1853, 20.0654



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.



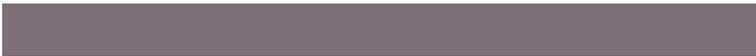
58.8707, 41.6618, 65.9120



58.7579, 38.0308, 64.0782



52.9879, 39.3087, 34.9339



17.7327, 17.4204, 20.4479



24.6647, 12.2816, 20.7406



2.3335, 1.1572, 2.1798

Inverse Universe

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



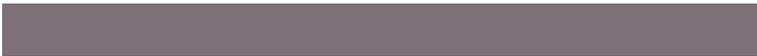
58.8707, 41.6618, 65.9120



58.7579, 38.0308, 64.0782



57.5433, 77.8615, 86.1260



17.7327, 17.4204, 20.4479



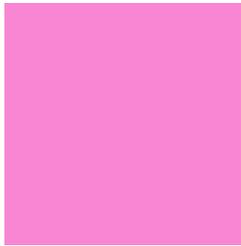
24.6647, 12.2816, 20.7406



2.3335, 1.1572, 2.1798

Previews

White Background



This preview shows how the XYZ color 58.8694, 41.6598, 65.9112 looks on a white background.

Color Contrast Check

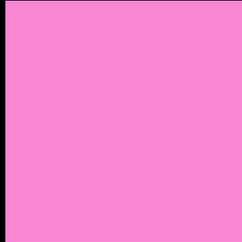
Large Text (above 18pt) WCAG AA × Fail

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 58.8694, 41.6598, 65.9112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

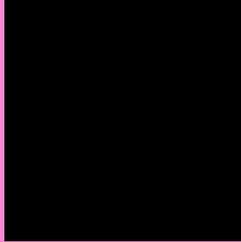
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8694, 41.6598, 65.9112

Background



This preview shows how black text looks on a background with the XYZ color 58.8694, 41.6598, 65.9112.



This preview shows how white text looks on a background with the XYZ color 58.8694, 41.6598,

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

58.8694, 41.6598, 65.9112

Protanopia

43.1754, 42.1103, 85.9733

Deuteranopia

42.7662, 41.8495, 62.9505



Tritanopia

52.7441, 41.5283, 36.6883

Trichromacy



Original Color

58.8694, 41.6598, 65.9112



Protanomaly

46.8310, 40.6911, 78.0590



Deuteranomaly

47.3862, 40.7897, 63.7682



Tritanomaly

54.6696, 41.4174, 46.1873

Monochromacy



Original Color

58.8694, 41.6598, 65.9112



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

46.5588, 41.8604, 53.7701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8694, 41.6598, 65.9112 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(248, 134, 210)` looks like.

```
.text, #text, p{  
    color:rgb(248, 134, 210)  
}
```

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(248, 134, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 134, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.8694, 41.6598, 65.9112 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(248, 134, 210) }
```

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

```
.border{ border-color:rgb(248, 134, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 134, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 134, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 134, 210);  
box-shadow:4px 4px 4px 4px rgb(248, 134,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8694, 41.6598, 65.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 134, 210) }
```

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

```
.background{ background-color: rgb(248,  
134, 210) }
```

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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