

Converting Colors

XYZ(79.6824, 53.1963, 51.9232)

Have a look what the booklet for
XYZ(79.6824, 53.1963, 51.9232)
contains.

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Color

**XYZ(58.8011, 42.3711,
50.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	FF88B9
RGB	255, 136, 185
RGB Percent	100%, 53%, 73%
CMY	0.0000, 0.4666, 0.2745
CMYK	0.00, 0.47, 0.27, 0.00
HSL	335°, 100%, 77%
HSV	335°, 47%, 100%
XYZ	58.8011, 42.3711, 50.9782
YIQ	177.1670, 55.1950, 40.4670

Conversions

Conversions Part 2

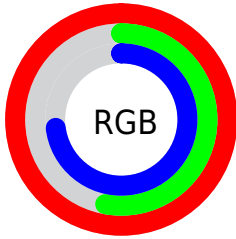
Format	Color
R_{YB}	255, 136, 185
Decimal	16746681
CIE _{Lab}	71.13, 50.50, -5.08
CIE _{LCh}	71, 50.754, 354.253
Yxy	42.3711, 0.3865, 0.2785
Android (android.graphics.Color)	4294936761 (0xFFFF88B9)
YUV	177.1670, 3.8617, 68.2595
Hunter-Lab	65.0931, 47.3330, -0.8683

Details

The XYZ color **58.8011, 42.3711, 50.9782** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.0558, 81.2114, 71.0647**, and the grayscale version is **41.8389, 44.0178, 47.9354**.

A 20% lighter version of the original color is **75.9668, 65.3101, 91.8213**, and **29.9471, 19.4363, 24.0030** is the 20% darker color. If you saturate the color by 10%, you get **54.1265, 35.4239, 42.0150**, and if you desaturate by 10%, it is **64.4992, 51.0975, 61.1079**.

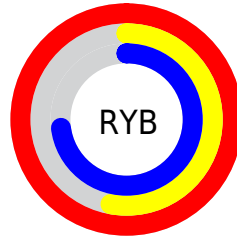
Distribution



Red (100%)

Green (53%)

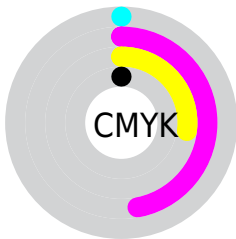
Blue (73%)



Red (100%)

Yellow (53%)

Blue (73%)

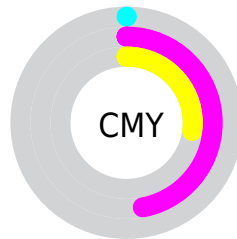


Cyan (0%)

Magenta (47%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8011, 42.3711, 50.9782 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 58.8011, 42.3711, 50.9782 by changing the saturation by 10% instead.


 58.8011, 42.3711,
50.9782


 58.8011, 42.3711,
50.9782


410.0703,
356.0190, 407.3232


 42.6988, 29.3920,
35.8147

 102.2048, 78.7610,
93.0337

 29.8423, 19.3775,
24.0025


 130.2369,
102.9405, 120.7628

 19.8664, 11.9434,
15.1233


 162.9763,
131.6223, 153.5174

 12.4057, 6.7051,
8.7584

200.7884,
165.1907, 191.7162

 7.0948, 3.2784,
4.4893

244.0385,
204.0302, 235.7776

 3.5683, 1.2787,
1.8974

293.0919,

 1.4609, 0.1247,

248.5252, 286.1202

0.4911

348.3141,
299.0600, 343.1626

■ 0.2990, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8011, 42.3711,
50.9782

■ 58.8011, 42.3711,
50.9782

■ 54.1265, 35.4239,
42.0150

■ 64.4992, 51.0975,
61.1079

■ 50.4054, 30.1247,
34.1681

■ 71.2779, 61.7101,
72.4460

■ 47.5637, 26.3337,
27.3865

■ 79.1938, 74.3142,
85.0352

■ 45.5138, 23.8851,
21.6128

■ 88.2986, 89.0060,
98.9152

■ 44.1467, 22.5704, 95.0500, 100.0000,
16.7808 108.9000

■ 43.7894, 22.2798,
15.3551

Harmonies

Analogous

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



55.0311, 42.3711, 79.2018



58.8011, 42.3711, 50.9782



57.0694, 42.3711, 29.4692

Triad

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



58.8011, 42.3711, 50.9782



33.9309, 42.3711, 15.2846



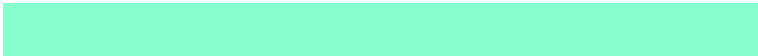
31.4666, 42.3711, 95.4460

Complementary

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



58.8011, 42.3711, 50.9782



57.0558, 81.2114, 71.0647

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.



27.1444, 42.3711, 68.1322



58.8011, 42.3711, 50.9782



28.4209, 42.3711, 23.8532

Square

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



58.8011, 42.3711, 50.9782



41.9299, 42.3711, 13.4958



26.1130, 42.3711, 41.6086



38.6593, 42.3711, 110.0566

Rectangle

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



58.8011, 42.3711, 50.9782



53.1366, 42.3711, 20.5919



26.1130, 42.3711, 41.6086



29.6726, 42.3711, 87.0654

Sweetspot

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



58.8022, 42.3731, 50.9790



81.5010, 78.0202, 88.6050



52.1479, 37.8692, 99.1687



17.0432, 16.0546, 18.3447



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.



58.8022, 42.3731, 50.9790



54.4066, 35.8326, 42.5749



55.9515, 43.5719, 28.7564



18.3195, 18.1111, 20.2994



22.9508, 11.6696, 8.3913



2.2874, 1.1573, 1.0947

Inverse Universe

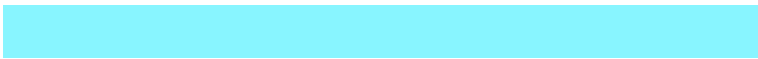
The Inverse Universe completely reimagines the original color for something new.



58.8022, 42.3731, 50.9790



54.4066, 35.8326, 42.5749



60.8823, 77.8104, 106.4178



18.3195, 18.1111, 20.2994



22.9508, 11.6696, 8.3913



2.2874, 1.1573, 1.0947

Previews

White Background



This preview shows how the XYZ color 58.8011, 42.3711, 50.9782 looks on a white background.

Color Contrast Check

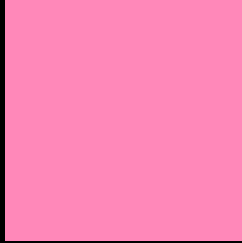
Large Text (above 18pt) WCAG AA × Fail

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 58.8011, 42.3711, 50.9782 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 58.8011, 42.3711, 50.9782

Background



This preview shows how black text looks on a background with the XYZ color 58.8011, 42.3711, 50.9782.



This preview shows how white text looks on a background with the XYZ color 58.8011, 42.3711,

50.9782.

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

58.8011, 42.3711, 50.9782

Protanopia

42.2651, 42.6567, 65.6805

Deuteranopia

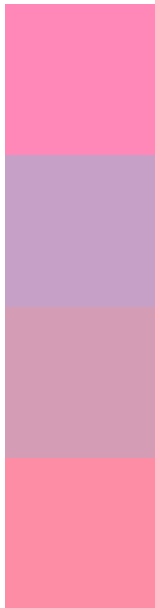
43.3109, 42.4494, 48.5587



Tritanopia

55.5677, 42.3414, 35.3810

Trichromacy



Original Color

58.8011, 42.3711, 50.9782

Protanomaly

46.5493, 41.4539, 60.1916

Deuteranomaly

47.8380, 41.5963, 49.2236

Tritanomaly

56.6776, 42.3554, 40.7855

Monochromacy



Original Color

58.8011, 42.3711, 50.9782

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

46.3354, 42.1151, 48.8669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8011, 42.3711, 50.9782 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, 136, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 185)  
}
```

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, 136, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 185) }
```

Border

The CSS property to change the border of an element to XYZ 58.8011, 42.3711, 50.9782 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, 136, 185) }
```


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

```
.border{ border-color:rgb(255, 136, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8011, 42.3711, 50.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 185) }
```

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

```
.background{ background-color: rgb(255,  
136, 185) }
```

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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