

Converting Colors

XYZ(57.8725, 39.9211, 52.4961)

Have a look what the booklet for
XYZ(57.8725, 39.9211, 52.4961)
contains.

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Color

**XYZ(57.7780, 39.8125,
52.2163)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7EBC
RGB	255, 126, 188
RGB Percent	100%, 49%, 74%
CMY	0.0000, 0.5059, 0.2627
CMYK	0.00, 0.51, 0.26, 0.00
HSL	331°, 100%, 75%
HSV	331°, 51%, 100%
XYZ	57.7780, 39.8125, 52.2163
YIQ	171.6390, 56.9820, 46.6300

Conversions

Conversions Part 2

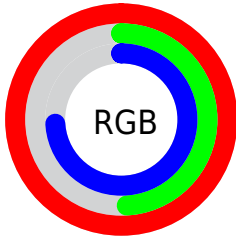
Format	Color
R_{YB}	255, 126, 188
Decimal	16744124
CIE _{Lab}	69.34, 55.73, -9.42
CIE _{LCh}	69, 56.520, 350.409
Yxy	39.8125, 0.3857, 0.2658
Android (android.graphics.Color)	4294934204 (0xFFFF7EBC)
YUV	171.6390, 8.0660, 73.1076
Hunter-Lab	63.0971, 53.0323, -4.8977

Details

The XYZ color **57.7780, 39.8125, 52.2163** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.9915, 79.8067, 63.0142**, and the grayscale version is **38.9719, 41.0015, 44.6506**.

A 20% lighter version of the original color is **74.2971, 61.2476, 93.4940**, and **29.1321, 17.8578, 24.8331** is the 20% darker color. If you saturate the color by 10%, you get **53.5599, 33.5575, 44.0862**, and if you desaturate by 10%, it is **62.9599, 47.7854, 61.3150**.

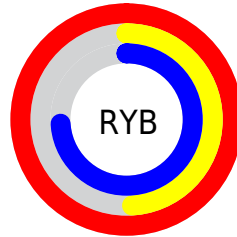
Distribution



Red (100%)

Green (49%)

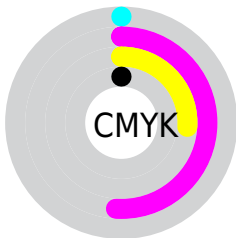
Blue (74%)



Red (100%)

Yellow (49%)

Blue (74%)

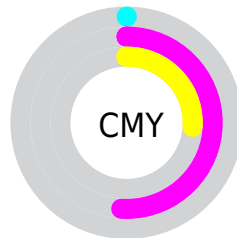


Cyan (0%)

Magenta (51%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7780, 39.8125, 52.2163 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 57.7780, 39.8125, 52.2163 by changing the saturation by 10% instead.


 57.7780, 39.8125,
52.2163

 57.7780, 39.8125,
52.2163


406.3254,
345.3327, 412.2518


 41.8728, 27.3924,
36.7941


 100.7243, 74.8779,
94.8800

 29.1924, 17.8681,
24.7536


 128.4961, 98.2920,
122.9585

 19.3714, 10.8554,
15.6762

 160.9542,
126.1395, 156.0929

 12.0445, 5.9697,
9.1435

198.4638,
158.8049, 194.7017

 6.8464, 2.8266,
4.7368

241.3904,
196.6725, 239.2035

 3.4117, 1.0419,
2.0376

290.0993,

 1.3750, 0.0000,

240.1267, 290.0167

0.5783

344.9558,
289.5520, 347.5600

■ 0.2383, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7780, 39.8125,
52.2163

■ 57.7780, 39.8125,
52.2163

■ 53.5599, 33.5575,
44.0862

■ 62.9599, 47.7854,
61.3150

■ 50.2348, 28.8844,
36.8827

■ 69.1638, 57.5871,
71.4172

■ 47.7261, 25.6458,
30.5624

■ 76.4465, 69.3261,
82.5582

■ 45.9415, 23.6634,
25.0758

■ 84.8595, 83.1003,
94.7706

■ 44.7872, 22.6789,
20.6093

94.4509, 99.0012,
108.0856

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.9375, 39.8125, 83.6171



57.7780, 39.8125, 52.2163



56.6566, 39.8125, 28.1572

Triad

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



57.7780, 39.8125, 52.2163



32.0777, 39.8125, 11.3620



27.7769, 39.8125, 94.3682

Complementary

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



57.7780, 39.8125, 52.2163



53.9915, 79.8067, 63.0142

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.



23.7334, 39.8125, 63.2085



57.7780, 39.8125, 52.2163



25.9271, 39.8125, 18.6697

Square

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



57.7780, 39.8125, 52.2163



40.8218, 39.8125, 10.3925



23.1151, 39.8125, 35.5472



35.0081, 39.8125, 113.6221

Rectangle

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



57.7780, 39.8125, 52.2163



52.7373, 39.8125, 18.3595



23.1151, 39.8125, 35.5472



26.0519, 39.8125, 84.4675

Sweetspot

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



57.7789, 39.8144, 52.2170



81.0031, 76.7628, 89.2453



47.4158, 33.4354, 98.5623



16.9609, 15.8134, 18.5535



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.



57.7789, 39.8144, 52.2170



53.4048, 33.3333, 43.7695



52.7460, 38.2458, 24.3432



18.3730, 18.1325, 20.5814



23.4768, 11.8800, 11.1613



2.3407, 1.1787, 1.3756

Inverse Universe

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



57.7789, 39.8144, 52.2170



53.4048, 33.3333, 43.7695



61.7332, 81.8121, 107.1454



18.3730, 18.1325, 20.5814



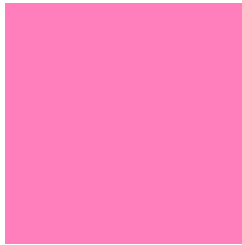
23.4768, 11.8800, 11.1613



2.3407, 1.1787, 1.3756

Previews

White Background



This preview shows how the XYZ color 57.7780, 39.8125, 52.2163 looks on a white background.

Color Contrast Check

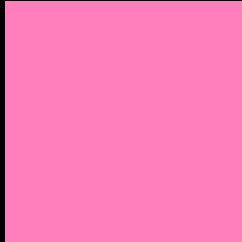
Large Text (above 18pt) WCAG AA × Fail

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 57.7780, 39.8125, 52.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

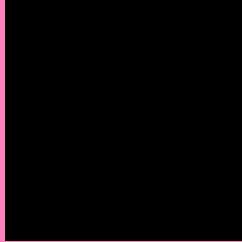
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7780, 39.8125, 52.2163

Background



This preview shows how black text looks on a background with the XYZ color 57.7780, 39.8125, 52.2163.



This preview shows how white text looks on a background with the XYZ color 57.7780, 39.8125,

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

57.7780, 39.8125, 52.2163

Protanopia

40.4979, 40.2322, 70.5969

Deuteranopia

40.9547, 40.1114, 49.8397



Tritanopia

53.4817, 39.8508, 31.2587

Trichromacy



Original Color

57.7780, 39.8125, 52.2163



Protanomaly

44.5241, 38.5762, 63.4918



Deuteranomaly

45.7308, 39.0038, 50.4656



Tritanomaly

54.7413, 39.7360, 38.0423

Monochromacy



Original Color

57.7780, 39.8125, 52.2163



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

44.1143, 39.2136, 47.3634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7780, 39.8125, 52.2163 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, 126, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 188)  
}
```

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, 126, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 188) }
```

Border

The CSS property to change the border of an element to XYZ 57.7780, 39.8125, 52.2163 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, 126, 188) }
```


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

```
.border{ border-color:rgb(255, 126, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7780, 39.8125, 52.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 188) }
```

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

```
.background{ background-color: rgb(255,  
126, 188) }
```

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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