

Converting Colors

XYZ(57.1058, 42.8416, 38.5098)

Have a look what the booklet for
XYZ(57.1058, 42.8416, 38.5098)
contains.

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Color

**XYZ(57.1100, 42.8478,
38.5181)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8DA0
RGB	255, 141, 160
RGB Percent	100%, 55%, 63%
CMY	0.0000, 0.4470, 0.3725
CMYK	0.00, 0.45, 0.37, 0.00
HSL	350°, 100%, 78%
HSV	350°, 45%, 100%
XYZ	57.1100, 42.8478, 38.5181
YIQ	177.2520, 61.8450, 30.0770

Conversions

Conversions Part 2

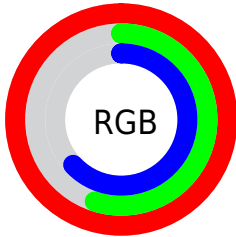
Format	Color
R_{YB}	255, 141, 160
Decimal	16747936
CIE _{Lab}	71.45, 44.97, 9.33
CIE _{LCh}	71, 45.929, 11.721
Yxy	42.8478, 0.4124, 0.3094
Android (android.graphics.Color)	4294938016 (0xFFFF8DA0)
YUV	177.2520, -8.5052, 68.1850
Hunter-Lab	65.4582, 41.1831, 10.9323

Details

The XYZ color **57.1100, 42.8478, 38.5181** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.8869, 83.2398, 92.1667**, and the grayscale version is **41.9441, 44.1285, 48.0559**.

A 20% lighter version of the original color is **73.2457, 65.6462, 73.1005**, and **28.7557, 19.6857, 16.7521** is the 20% darker color. If you saturate the color by 10%, you get **52.0706, 35.4942, 28.4370**, and if you desaturate by 10%, it is **63.3349, 52.0637, 50.5630**.

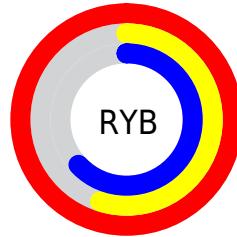
Distribution



Red (100%)

Green (55%)

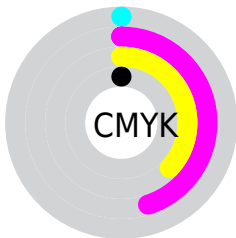
Blue (63%)



Red (100%)

Yellow (55%)

Blue (63%)

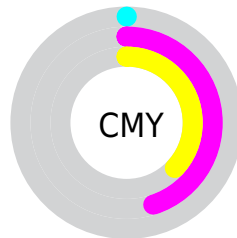


Cyan (0%)

Magenta (45%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1100, 42.8478, 38.5181 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 57.1100, 42.8478, 38.5181 by changing the saturation by 10% instead.

57.1100, 42.8478,
38.5181

57.1100, 42.8478,
38.5181

403.8689,
357.9855, 355.2019

41.3340, 29.7657,
26.0801

99.7561, 79.4811,
74.1138

28.7690, 19.6608,
16.6573

127.3570,
103.8012, 98.1085

19.0496, 12.1487,
9.8311

159.6302,
132.6360, 126.7926

11.8103, 6.8451,
5.1830

196.9411,
166.3700, 160.5846

6.6859, 3.3654,
2.2944

239.6551,
205.3875, 199.9029

3.3110, 1.3253,
0.7281

288.1375,

1.3203, 0.1607,

250.0730, 245.1662

0.0000

342.7536,
300.8109, 296.7930

■ 0.1983, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1100, 42.8478,
38.5181

■ 57.1100, 42.8478,
38.5181

■ 52.0706, 35.4942,
28.4370

■ 63.3349, 52.0637,
50.5630

■ 48.1370, 29.8696,
20.2121

■ 70.8115, 63.2505,
64.6664

■ 45.2248, 25.8333,
13.7289

■ 79.6050, 76.5160,
80.9199

■ 43.2356, 23.2194,
8.8590

■ 89.7749, 91.9583,
99.4086

■ 42.0503, 21.8249,
5.4551

95.0500, 100.0000,
108.9000

■ 41.6667, 21.4307,
4.1771

Harmonies

Analogous

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



56.5595, 42.8478, 61.3445



57.1100, 42.8478, 38.5181



52.8781, 42.8478, 23.6440

Triad

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



57.1100, 42.8478, 38.5181



31.6001, 42.8478, 21.5186



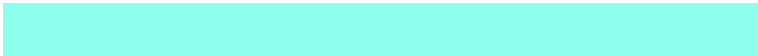
36.2325, 42.8478, 99.9752

Complementary

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



57.1100, 42.8478, 38.5181



61.8869, 83.2398, 92.1667

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.



30.5941, 42.8478, 81.1675



57.1100, 42.8478, 38.5181



28.1624, 42.8478, 34.5186

Square

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



57.1100, 42.8478, 38.5181



37.7757, 42.8478, 16.1218



27.8191, 42.8478, 55.8617



43.8251, 42.8478, 102.0883

Rectangle

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



57.1100, 42.8478, 38.5181



48.1934, 42.8478, 18.2795



27.8191, 42.8478, 55.8617



34.0720, 42.8478, 95.1723

Sweetspot

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



57.1111, 42.8500, 38.5189



81.2382, 78.9896, 83.9084



62.1684, 44.1049, 99.8441



16.9369, 16.2235, 17.1335



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.



57.1111, 42.8500, 38.5189



52.3879, 35.9533, 29.0839



62.1693, 55.4254, 32.6236



18.1328, 18.0364, 19.3166



21.8077, 11.2124, 2.3718



2.1564, 1.1049, 0.4049

Inverse Universe

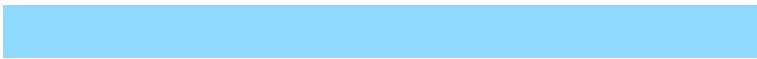
The Inverse Universe completely reimagines the original color for something new.



57.1111, 42.8500, 38.5189



52.3879, 35.9533, 29.0839



53.8492, 62.5103, 103.8352



18.1328, 18.0364, 19.3166



21.8077, 11.2124, 2.3718



2.1564, 1.1049, 0.4049

Previews

White Background



This preview shows how the XYZ color 57.1100, 42.8478, 38.5181 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 57.1100, 42.8478, 38.5181 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 57.1100, 42.8478, 38.5181

Background



This preview shows how black text looks on a background with the XYZ color 57.1100, 42.8478, 38.5181.



This preview shows how white text looks on a background with the XYZ color 57.1100, 42.8478,

38.5181.

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

57.1100, 42.8478, 38.5181

Protanopia

41.7260, 43.3393, 48.2856

Deuteranopia

43.9238, 43.0219, 36.9994



Tritanopia

56.2958, 42.7167, 35.4150

Trichromacy



Original Color

57.1100, 42.8478, 38.5181



Protanomaly

45.9015, 42.2565, 44.2651



Deuteranomaly

47.9991, 42.4462, 37.5614



Tritanomaly

56.5468, 42.8171, 36.7367

Monochromacy



Original Color

57.1100, 42.8478, 38.5181



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.8030, 42.4703, 44.3116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1100, 42.8478, 38.5181 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, 141, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 160)  
}
```

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, 141, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 160) }
```

Border

The CSS property to change the border of an element to XYZ 57.1100, 42.8478, 38.5181 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, 141, 160) }
```


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

```
.border{ border-color:rgb(255, 141, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1100, 42.8478, 38.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 160) }
```

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

```
.background{ background-color: rgb(255,  
141, 160) }
```

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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