

Converting Colors

XYZ(62.6596, 53.6088, 58.0717)

Have a look what the booklet for
XYZ(62.6596, 53.6088, 58.0717)
contains.

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Color

**XYZ(62.5298, 53.5796,
58.0852)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AEC2
RGB	245, 174, 194
RGB Percent	96%, 68%, 76%
CMY	0.0392, 0.3176, 0.2392
CMYK	0.00, 0.29, 0.21, 0.04
HSL	343°, 78%, 82%
HSV	343°, 29%, 96%
XYZ	62.5298, 53.5796, 58.0852
YIQ	197.5090, 35.8960, 21.2720

Conversions

Conversions Part 2

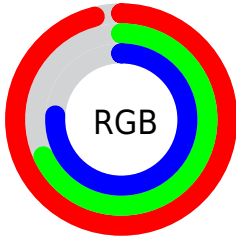
Format	Color
R _Y B	245, 174, 194
Decimal	16101058
CIE Lab	78.22, 28.76, 0.24
CIE LCh	78, 28.761, 0.470
Yxy	53.5796, 0.3590, 0.3076
Android (android.graphics.Color)	4294291138 (0xFF5AEC2)
YUV	197.5090, -1.7299, 41.6496
Hunter-Lab	73.1981, 24.3878, 4.1900

Details

The XYZ color **62.5298, 53.5796, 58.0852** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.7008, 79.7410, 83.2721**, and the grayscale version is **53.3749, 56.1545, 61.1523**.

A 20% lighter version of the original color is **86.7921, 84.7558, 102.2275**, and **32.3100, 26.2596, 28.1766** is the 20% darker color. If you saturate the color by 10%, you get **56.3603, 44.2184, 46.8474**, and if you desaturate by 10%, it is **69.7997, 64.7658, 70.8460**.

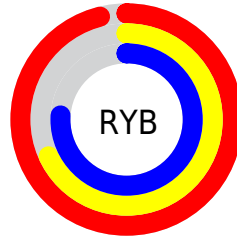
Distribution



Red (96%)

Green (68%)

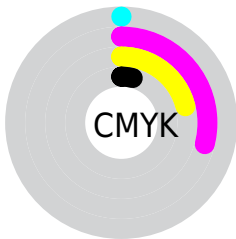
Blue (76%)



Red (96%)

Yellow (68%)

Blue (76%)

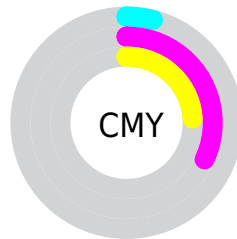


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (4%)



Cyan (4%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5298, 53.5796, 58.0852 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 62.5298, 53.5796, 58.0852 by changing the saturation by 10% instead.

62.5298, 53.5796,
58.0852

62.5298, 53.5796,
58.0852

423.5478,
400.5049, 435.1105

45.7181, 38.2657,
41.4620

107.5765, 95.4567,
103.5629

32.2271, 26.1889,
28.3578

136.5423,
122.7887, 133.2545

21.6914, 16.9650,
18.3542

170.2901,
154.8954, 168.1393

13.7457, 10.2096,
11.0325

209.1853,
192.1613, 208.6359

8.0245, 5.5381,
5.9743

253.5934,
234.9709, 255.1627

4.1626, 2.5663,
2.7609

303.8796,

1.7945, 0.9098,

283.7084, 308.1384

0.9739

360.4093,
338.7582, 367.9815

■ 0.5144, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5298, 53.5796,
58.0852

■ 62.5298, 53.5796,
58.0852

■ 56.3603, 44.2184,
46.8474

■ 69.7997, 64.7658,
70.8460

■ 51.2315, 36.5776,
37.0708

■ 78.2166, 77.8595,
85.1817

■ 47.0850, 30.5534,
28.6939

■ 87.8298, 92.9472,
101.1458

■ 43.8542, 26.0274,
21.6496

■ 91.4663, 98.1526,
108.7323

■ 41.4640, 22.8653,
15.8644

■ 39.8266, 20.9080,
11.2568

■ 38.8146, 19.9194,
7.7272

■ 38.7306, 19.8423,
7.4193

Harmonies

Analogous

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



60.9324, 53.5796, 74.9839



62.5298, 53.5796, 58.0852



60.8324, 53.5796, 43.9941

Triad

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



62.5298, 53.5796, 58.0852



45.6338, 53.5796, 35.4993



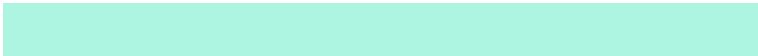
45.7768, 53.5796, 89.6685

Complementary

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



62.5298, 53.5796, 58.0852



63.7008, 79.7410, 83.2721

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.



42.1578, 53.5796, 75.5056



62.5298, 53.5796, 58.0852



42.0795, 53.5796, 44.3600

Square

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



62.5298, 53.5796, 58.0852



50.8371, 53.5796, 32.5148



40.8543, 53.5796, 58.5937



51.0146, 53.5796, 95.1357

Rectangle

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



62.5298, 53.5796, 58.0852



58.1276, 53.5796, 37.5538



40.8543, 53.5796, 58.5937



44.3448, 53.5796, 85.6522

Sweetspot

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



62.5313, 53.5821, 58.0863



85.6189, 85.2047, 93.2188



62.6343, 52.8562, 93.2876



18.0213, 17.7614, 19.4394



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.



62.5313, 53.5821, 58.0863



64.2223, 52.1982, 55.9153



63.5781, 59.0312, 48.0907



16.6910, 16.5592, 18.1192



20.9157, 10.7097, 4.2644



1.8804, 0.9581, 0.5966

Inverse Universe

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



62.5313, 53.5821, 58.0863



64.2223, 52.1982, 55.9153



62.1291, 71.9734, 97.0042



16.6910, 16.5592, 18.1192



20.9157, 10.7097, 4.2644



1.8804, 0.9581, 0.5966

Previews

White Background



This preview shows how the XYZ color 62.5298, 53.5796, 58.0852 looks on a white background.

Color Contrast Check

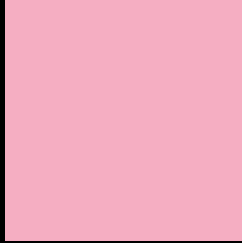
Large Text (above 18pt) WCAG AA × Fail

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 62.5298, 53.5796, 58.0852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

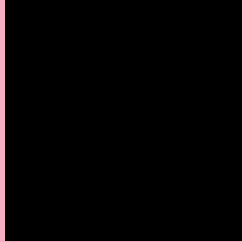
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5298, 53.5796, 58.0852

Background



This preview shows how black text looks on a background with the XYZ color 62.5298, 53.5796, 58.0852.



This preview shows how white text looks on a background with the XYZ color 62.5298, 53.5796,

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

62.5298, 53.5796, 58.0852

Protanopia

52.3375, 54.0170, 65.4255

Deuteranopia

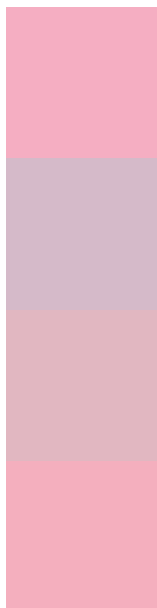
54.9382, 53.9183, 57.3809



Tritanopia

61.7153, 53.5239, 54.6553

Trichromacy



Original Color

62.5298, 53.5796, 58.0852

Protanomaly

55.5421, 53.4810, 62.6538

Deuteranomaly

57.6105, 53.7248, 57.7856

Tritanomaly

61.9325, 53.6107, 55.7989

Monochromacy



Original Color

62.5298, 53.5796, 58.0852

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.3000, 54.8735, 60.4476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5298, 53.5796, 58.0852 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(245, 174, 194)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 194)  
}
```

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(245, 174, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 194) }
```

Border

The CSS property to change the border of an element to XYZ 62.5298, 53.5796, 58.0852 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(245, 174, 194) }
```


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

```
.border{ border-color:rgb(245, 174, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 174, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 194);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5298, 53.5796, 58.0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 194) }
```

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

```
.background{ background-color: rgb(245,  
174, 194) }
```

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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