

Converting Colors

XYZ(65.4447, 56.0212, 61.0765)

Have a look what the booklet for
XYZ(65.4447, 56.0212, 61.0765)
contains.

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Color

**XYZ(65.3395, 55.8455,
60.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB1C6
RGB	250, 177, 198
RGB Percent	98%, 69%, 78%
CMY	0.0196, 0.3059, 0.2235
CMYK	0.00, 0.29, 0.21, 0.02
HSL	343°, 88%, 84%
HSV	343°, 29%, 98%
XYZ	65.3395, 55.8455, 60.7616
YIQ	201.2210, 36.7670, 22.0070

Conversions

Conversions Part 2

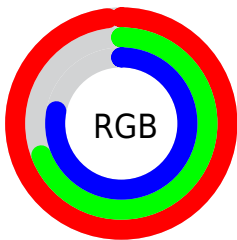
Format	Color
R _Y B	250, 177, 198
Decimal	16429510
CIE Lab	79.53, 29.53, 0.04
CIE LCh	80, 29.532, 0.078
Yxy	55.8455, 0.3591, 0.3069
Android (android.graphics.Color)	4294619590 (0xFF FAB1C6)
YUV	201.2210, -1.5880, 42.7792
Hunter-Lab	74.7298, 25.2929, 4.1032

Details

The XYZ color **65.3395, 55.8455, 60.7616** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4623, 83.3768, 86.7231**, and the grayscale version is **55.6493, 58.5474, 63.7581**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **33.9799, 27.6354, 29.9288** is the 20% darker color. If you saturate the color by 10%, you get **58.9115, 46.0857, 49.0730**, and if you desaturate by 10%, it is **72.9167, 67.5162, 74.0263**.

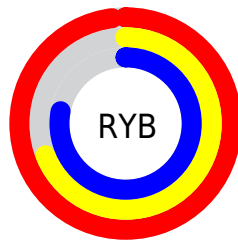
Distribution



Red (98%)

Green (69%)

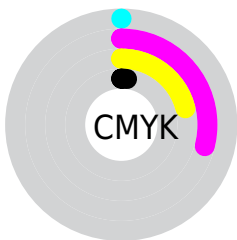
Blue (78%)



Red (98%)

Yellow (69%)

Blue (78%)

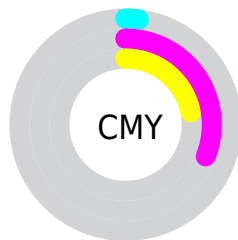


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (2%)



Cyan (2%)

Magenta (31%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3395, 55.8455, 60.7616 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 65.3395, 55.8455, 60.7616 by changing the saturation by 10% instead.


 65.3395, 55.8455,
60.7616

 65.3395, 55.8455,
60.7616


433.5369,
409.1090, 445.2817

 48.0021, 40.0791,
43.6035


 111.6008, 98.7786,
107.4878

 34.0398, 27.6002,
30.0240

141.2555,
126.7141, 137.8931

 23.0872, 18.0245,
19.6046

175.7466,
159.4748, 173.5510

 14.7790, 10.9676,
11.9267

215.4396,
197.4450, 214.8804

 8.7497, 6.0450,
6.5719

260.6997,
241.0091, 262.2995

 4.6341, 2.8725,
3.1215

311.8925,

 2.0667, 1.0655,

290.5515, 316.2271

1.1570

369.3831,
346.4567, 377.0817

■ 0.6710, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3395, 55.8455,
60.7616

■ 65.3395, 55.8455,
60.7616

■ 58.9115, 46.0857,
49.0730

■ 72.9167, 67.5162,
74.0263

■ 53.5703, 38.1267,
38.8966

■ 81.6921, 81.1844,
88.9205

■ 49.2544, 31.8592,
30.1692

■ 91.7173, 96.9410,
105.4996

■ 45.8942, 27.1588,
22.8213

■ 93.2345, 99.0641,
108.8150

■ 43.4106, 23.8837,
16.7771

■ 41.7112, 21.8661,
11.9525

■ 40.6600, 20.8531,
8.2438

■ 40.5912, 20.7907,
7.9885

Harmonies

Analogous

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



63.6065, 55.8455, 78.6253



65.3395, 55.8455, 60.7616



63.5889, 55.8455, 45.8419

Triad

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



65.3395, 55.8455, 60.7616



47.5586, 55.8455, 36.6660



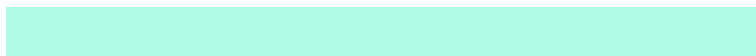
47.5837, 55.8455, 93.7900

Complementary

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



65.3395, 55.8455, 60.7616



66.4623, 83.3768, 86.7231

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.



43.7969, 55.8455, 78.7171



65.3395, 55.8455, 60.7616



43.7832, 55.8455, 45.9060

Square

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



65.3395, 55.8455, 60.7616



53.0639, 55.8455, 33.6112



42.4578, 55.8455, 60.8509



53.0951, 55.8455, 99.7316

Rectangle

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



65.3395, 55.8455, 60.7616



60.7515, 55.8455, 39.0121



42.4578, 55.8455, 60.8509



46.0822, 55.8455, 89.4999

Sweetspot

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



65.3411, 55.8481, 60.7627



85.6392, 85.2128, 93.3253



65.0061, 54.8596, 97.6056



18.0262, 17.7634, 19.4655



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.



65.3411, 55.8481, 60.7627



64.2811, 52.2218, 56.2251



66.1240, 61.0247, 49.8921



17.4499, 17.3073, 18.9588



21.5842, 11.0494, 4.5191



2.0428, 1.0408, 0.6486

Inverse Universe

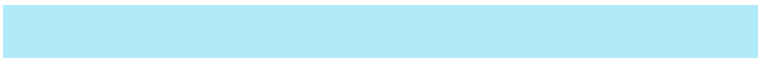
The Inverse Universe completely reimagines the original color for something new.



65.3411, 55.8481, 60.7627



64.2811, 52.2218, 56.2251



65.2117, 75.8969, 101.6554



17.4499, 17.3073, 18.9588



21.5842, 11.0494, 4.5191



2.0428, 1.0408, 0.6486

Previews

White Background



This preview shows how the XYZ color 65.3395, 55.8455, 60.7616 looks on a white background.

Color Contrast Check

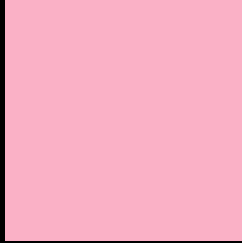
Large Text (above 18pt) WCAG AA × Fail

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 65.3395, 55.8455, 60.7616 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 65.3395, 55.8455, 60.7616

Background



This preview shows how black text looks on a background with the XYZ color 65.3395, 55.8455, 60.7616.



This preview shows how white text looks on a background with the XYZ color 65.3395, 55.8455,

60.7616.

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

65.3395, 55.8455, 60.7616

Protanopia

54.2745, 55.9536, 68.2612

Deuteranopia

57.0964, 55.9534, 59.4205



Tritanopia

64.5017, 55.7863, 57.2374

Trichromacy



Original Color

65.3395, 55.8455, 60.7616

Protanomaly

57.5359, 55.4019, 65.4188

Deuteranomaly

59.8358, 55.7613, 59.8339

Tritanomaly

64.7249, 55.8756, 58.4126

Monochromacy



Original Color

65.3395, 55.8455, 60.7616

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.4884, 56.9295, 62.5494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3395, 55.8455, 60.7616 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(250, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 177, 198)  
}
```

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(250, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 177, 198) }
```

Border

The CSS property to change the border of an element to XYZ 65.3395, 55.8455, 60.7616 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(250, 177, 198) }
```


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

```
.border{ border-color:rgb(250, 177, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 177, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 177, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 177, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 177,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3395, 55.8455, 60.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 177, 198) }
```

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

```
.background{ background-color: rgb(250,  
177, 198) }
```

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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