

Converting Colors

XYZ(65.3198, 55.1842, 62.8460)

Have a look what the booklet for
XYZ(65.3198, 55.1842, 62.8460)
contains.

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Color

**XYZ(65.4150, 55.2482,
63.0933)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAFCA
RGB	250, 175, 202
RGB Percent	98%, 69%, 79%
CMY	0.0196, 0.3137, 0.2078
CMYK	0.00, 0.30, 0.19, 0.02
HSL	338°, 88%, 83%
HSV	338°, 30%, 98%
XYZ	65.4150, 55.2482, 63.0933
YIQ	200.5030, 36.0330, 24.2970

Conversions

Conversions Part 2

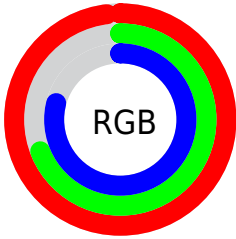
Format	Color
R _Y B	250, 175, 202
Decimal	16429002
CIE Lab	79.18, 31.18, -2.63
CIE LCh	79, 31.286, 355.180
Yxy	55.2482, 0.3560, 0.3007
Android (android.graphics.Color)	4294619082 (0xFFFAAFCA)
YUV	200.5030, 0.7380, 43.4089
Hunter-Lab	74.3291, 27.0169, 1.7029

Details

The XYZ color **65.4150, 55.2482, 63.0933** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.1865, 82.8144, 82.3652**, and the grayscale version is **55.1912, 58.0655, 63.2333**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **34.0431, 27.2637, 31.4851** is the 20% darker color. If you saturate the color by 10%, you get **59.1948, 45.6839, 52.1524**, and if you desaturate by 10%, it is **72.7355, 66.6976, 75.3715**.

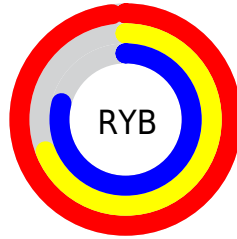
Distribution



Red (98%)

Green (69%)

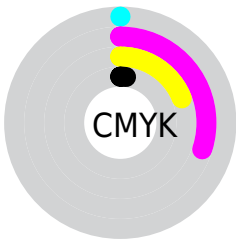
Blue (79%)



Red (98%)

Yellow (69%)

Blue (79%)

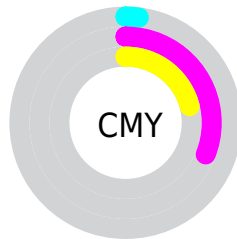


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4150, 55.2482, 63.0933 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 65.4150, 55.2482, 63.0933 by changing the saturation by 10% instead.


 65.4150, 55.2482,
63.0933

 65.4150, 55.2482,
63.0933


433.8035,
406.8521, 454.0253

 48.0636, 39.6005,
45.4752


 111.7087, 97.9045,
110.8910

 34.0887, 27.2272,
31.4862


141.3817,
125.6819, 141.9076

 23.1250, 17.7439,
20.7078

175.8926,
158.2713, 178.2276

 14.8070, 10.7663,
12.7214

215.6068,
196.0571, 220.2693

 8.7695, 5.9099,
7.1085

260.8896,
239.4236, 268.4514

 4.6470, 2.7904,
3.4506


312.1065,


 2.0743, 1.0233,

288.7554, 323.1924

1.3291


369.6226,
344.4367, 384.9109


 0.6752, 0.0000,
0.0854


 0.0000, 0.0000,
0.0000


 65.4150, 55.2482,
63.0933


 65.4150, 55.2482,
63.0933


 59.1948, 45.6839,
52.1524


 72.7355, 66.6976,
75.3715


 54.0146, 37.8951,
42.4973

 81.2033, 80.1186,
89.0289

 49.8149, 31.7726,
34.0781

 90.8682, 95.6017,
104.1097

 46.5283, 27.1920,
26.8398

 93.2346, 99.0641,
108.8150

■ 44.0780, 24.0109,
20.7224

■ 42.3736, 22.0601,
15.6589

■ 41.2699, 21.0623,
11.5617

■ 41.2697, 21.0622,
11.5609

Harmonies

Analogous

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



63.0042, 55.2482, 82.0170



65.4150, 55.2482, 63.0933



64.1508, 55.2482, 46.6732

Triad

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



65.4150, 55.2482, 63.0933



47.5647, 55.2482, 34.0833



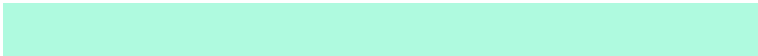
45.9466, 55.2482, 93.0514

Complementary

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



65.4150, 55.2482, 63.0933



65.1865, 82.8144, 82.3652

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.



42.3732, 55.2482, 76.0132



65.4150, 55.2482, 63.0933



43.2541, 55.2482, 42.5718

Square

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



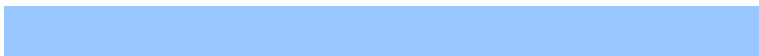
65.4150, 55.2482, 63.0933



53.5276, 55.2482, 31.9732



41.4277, 55.2482, 57.3111



51.5088, 55.2482, 101.3638

Rectangle

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



65.4150, 55.2482, 63.0933



61.4429, 55.2482, 38.9032



41.4277, 55.2482, 57.3111



44.4910, 55.2482, 88.0087

Sweetspot

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



65.4166, 55.2508, 63.0944



85.8851, 85.3112, 94.6206



62.8650, 53.1736, 97.3933



18.0865, 17.7875, 19.7831



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.



65.4166, 55.2508, 63.0944



64.3644, 51.5221, 58.9228



64.5132, 58.1197, 48.3786



17.5028, 17.3285, 19.2373



21.9530, 11.1969, 6.4609



2.0819, 1.0565, 0.8547

Inverse Universe

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



65.4166, 55.2508, 63.0944



64.3644, 51.5221, 58.9228



66.0965, 78.3379, 102.0802



17.5028, 17.3285, 19.2373



21.9530, 11.1969, 6.4609



2.0819, 1.0565, 0.8547

Previews

White Background



This preview shows how the XYZ color 65.4150, 55.2482, 63.0933 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 65.4150, 55.2482, 63.0933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

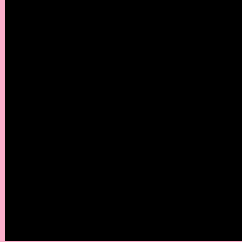
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4150, 55.2482, 63.0933

Background



This preview shows how black text looks on a background with the XYZ color 65.4150, 55.2482, 63.0933.



This preview shows how white text looks on a background with the XYZ color 65.4150, 55.2482,

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

65.4150, 55.2482, 63.0933

Protanopia

54.1584, 55.4874, 71.4740

Deuteranopia

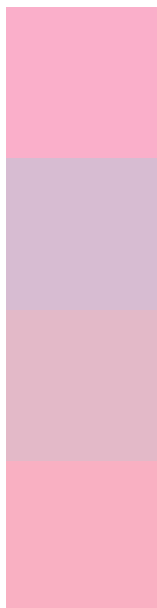
56.4538, 55.2466, 61.7210



Tritanopia

64.0833, 55.3017, 56.0119

Trichromacy



Original Color

65.4150, 55.2482, 63.0933

Protanomaly

57.6404, 55.0667, 68.5637

Deuteranomaly

59.4528, 55.1989, 62.1645

Tritanomaly

64.3299, 55.0854, 58.2809

Monochromacy



Original Color

65.4150, 55.2482, 63.0933

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.6057, 56.9764, 63.1670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4150, 55.2482, 63.0933 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, 175, 202)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 202)  
}
```

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, 175, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 202) }
```

Border

The CSS property to change the border of an element to XYZ 65.4150, 55.2482, 63.0933 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, 175, 202) }
```


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

```
.border{ border-color:rgb(250, 175, 202) }
```

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

Here you see how a box with a 4 pixel rgb(250, 175, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 202);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4150, 55.2482, 63.0933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 202) }
```

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

```
.background{ background-color: rgb(250,  
175, 202) }
```

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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