

Converting Colors

XYZ(63.2106, 51.1160, 71.0370)

Have a look what the booklet for
XYZ(63.2106, 51.1160, 71.0370)
contains.

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Color

**XYZ(63.0291, 51.0497,
70.8216)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A5D7
RGB	244, 165, 215
RGB Percent	96%, 65%, 84%
CMY	0.0431, 0.3529, 0.1569
CMYK	0.00, 0.32, 0.12, 0.04
HSL	322°, 78%, 80%
HSV	322°, 32%, 96%
XYZ	63.0291, 51.0497, 70.8216
YIQ	194.3210, 31.0340, 32.2980

Conversions

Conversions Part 2

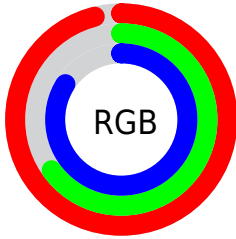
Format	Color
R_{YB}	244, 165, 215
Decimal	16033239
CIE _{Lab}	76.71, 36.41, -13.44
CIE _{LCh}	77, 38.812, 339.734
Yxy	51.0497, 0.3409, 0.2761
Android (android.graphics.Color)	4294223319 (0xFFFF4A5D7)
YUV	194.3210, 10.1947, 43.5685
Hunter-Lab	71.4491, 32.4286, -8.7550

Details

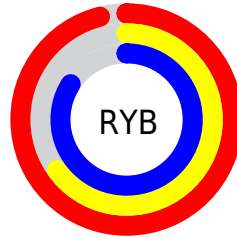
The XYZ color **63.0291, 51.0497, 70.8216** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.6075, 76.5972, 62.7908**, and the grayscale version is **51.3982, 54.0749, 58.8876**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **32.6329, 24.6912, 36.3036** is the 20% darker color. If you saturate the color by 10%, you get **57.9213, 42.6253, 63.5950**, and if you desaturate by 10%, it is **69.0425, 61.1830, 78.6621**.

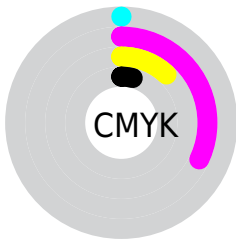
Distribution



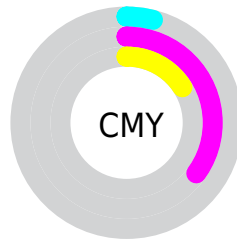
- Red (96%)
- Green (65%)
- Blue (84%)



- Red (96%)
- Yellow (65%)
- Blue (84%)



- Cyan (0%)
- Magenta (32%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0291, 51.0497, 70.8216 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 63.0291, 51.0497, 70.8216 by changing the saturation by 10% instead.


 63.0291, 51.0497,
70.8216


 63.0291, 51.0497,
70.8216


425.3331,
390.7569, 482.2964

 46.1235, 36.2482,
51.7157


 108.2931, 91.7282,
122.0718

 32.5483, 24.6259,
36.3978


 137.3821,
118.3740, 155.0531

 21.9382, 15.7986,
24.4495


171.2631,
149.7367, 193.4966

 13.9279, 9.3817,
15.4521

210.3012,
186.2006, 237.8209

 8.1519, 4.9910,
8.9872

254.8619,
228.1502, 288.4445

 4.2449, 2.2420,
4.6361

305.3106,

 1.8416, 0.7427,

275.9698, 345.7859

1.9804

362.0125,
330.0439, 410.2637

■ 0.5425, 0.0000,
0.5432

■ 0.0000, 0.0000,
0.0000

■ 63.0291, 51.0497,
70.8216

■ 63.0291, 51.0497,
70.8216

■ 57.9213, 42.6253,
63.5950

■ 69.0425, 61.1830,
78.6621

■ 53.6656, 35.8067,
56.9579

■ 76.0021, 73.1067,
87.1332

■ 50.2098, 30.4903,
50.8885

■ 83.9512, 86.9057,
96.2547

■ 47.4939, 26.5576,
45.3615

■ 90.4545, 97.7076,
105.2193

■ 45.4485, 23.8718,
40.3485

■ 91.1185, 97.9733,
108.7160

■ 43.9904, 22.2680,
35.8163

■ 43.1768, 21.5806,
32.6479

Harmonies

Analogous

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



58.1313, 51.0497, 92.8980



63.0291, 51.0497, 70.8216



63.8321, 51.0497, 49.0155

Triad

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



63.0291, 51.0497, 70.8216



46.1698, 51.0497, 24.4660



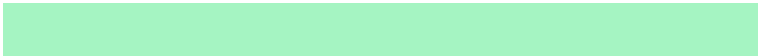
38.4408, 51.0497, 85.6921

Complementary

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



63.0291, 51.0497, 70.8216



57.6075, 76.5972, 62.7908

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.



35.8782, 51.0497, 62.7155



63.0291, 51.0497, 70.8216



40.0333, 51.0497, 29.8993

Square

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



63.0291, 51.0497, 70.8216



53.5848, 51.0497, 25.5959



36.4301, 51.0497, 42.7063



43.7871, 51.0497, 102.8770

Rectangle

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



63.0291, 51.0497, 70.8216



61.8621, 51.0497, 37.8236



36.4301, 51.0497, 42.7063



37.2510, 51.0497, 78.1824

Sweetspot

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



63.0306, 51.0520, 70.8227



85.9770, 84.2074, 98.6205



52.0261, 44.9096, 91.5150



18.1489, 17.5853, 20.8122



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.



63.0306, 51.0520, 70.8227



65.7723, 49.9739, 72.8463



58.5556, 49.2620, 47.2577



16.9405, 16.6590, 19.4331



23.5450, 11.7615, 18.1104



2.1188, 1.0535, 1.8517

Inverse Universe

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



63.0306, 51.0520, 70.8227



65.7723, 49.9739, 72.8463



62.6442, 78.6119, 89.3139



16.9405, 16.6590, 19.4331



23.5450, 11.7615, 18.1104



2.1188, 1.0535, 1.8517

Previews

White Background



This preview shows how the XYZ color 63.0291, 51.0497, 70.8216 looks on a white background.

Color Contrast Check

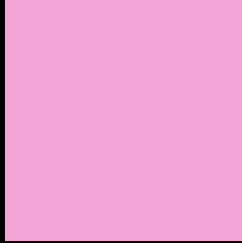
Large Text (above 18pt) WCAG AA × Fail

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 63.0291, 51.0497, 70.8216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

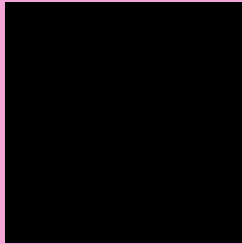
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0291, 51.0497, 70.8216

Background



This preview shows how black text looks on a background with the XYZ color 63.0291, 51.0497, 70.8216.



This preview shows how white text looks on a background with the XYZ color 63.0291, 51.0497,

70.8216.

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

63.0291, 51.0497, 70.8216

Protanopia

51.0885, 51.3829, 82.0881

Deuteranopia

52.3955, 51.4068, 68.7890



Tritanopia

59.1498, 51.1118, 52.0954

Trichromacy



Original Color

63.0291, 51.0497, 70.8216



Protanomaly

54.5405, 50.7753, 78.1602



Deuteranomaly

55.8284, 51.0413, 69.1968



Tritanomaly

60.3139, 51.0168, 58.2981

Monochromacy



Original Color

63.0291, 51.0497, 70.8216



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.7455, 52.1283, 63.0535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0291, 51.0497, 70.8216 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(244, 165, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 165, 215)  
}
```

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(244, 165, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 165, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.0291, 51.0497, 70.8216 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(244, 165, 215) }
```


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

```
.border{ border-color:rgb(244, 165, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 165, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 165, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 165, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 165,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0291, 51.0497, 70.8216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 165, 215) }
```

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

```
.background{ background-color: rgb(244,  
165, 215) }
```

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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