

Converting Colors

XYZ(63.4702, 53.7754, 63.7432)

Have a look what the booklet for
XYZ(63.4702, 53.7754, 63.7432)
contains.

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Color

**XYZ(63.3793, 53.6114,
63.5075)**

Conversions

Conversions Part 1

Format	Color
Hex	F5ADCB
RGB	245, 173, 203
RGB Percent	96%, 68%, 80%
CMY	0.0392, 0.3215, 0.2039
CMYK	0.00, 0.29, 0.17, 0.04
HSL	335°, 78%, 82%
HSV	335°, 29%, 96%
XYZ	63.3793, 53.6114, 63.5075
YIQ	197.9480, 33.2820, 24.5940

Conversions

Conversions Part 2

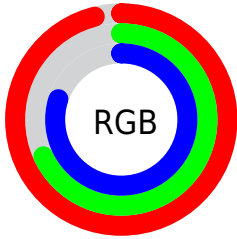
Format	Color
R _{YB}	245, 173, 203
Decimal	16100811
CIE Lab	78.23, 30.64, -4.63
CIE LCh	78, 30.988, 351.407
Yxy	53.6114, 0.3511, 0.2970
Android (android.graphics.Color)	4294290891 (0xFFF5ADCB)
YUV	197.9480, 2.4906, 41.2646
Hunter-Lab	73.2198, 26.3755, -0.1716

Details

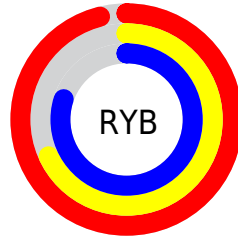
The XYZ color **63.3793, 53.6114, 63.5075** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.1540, 79.0969, 76.2851**, and the grayscale version is **53.6174, 56.4097, 61.4302**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **32.8803, 26.2942, 31.7761** is the 20% darker color. If you saturate the color by 10%, you get **57.4796, 44.4129, 53.5214**, and if you desaturate by 10%, it is **70.3005, 64.6004, 74.6100**.

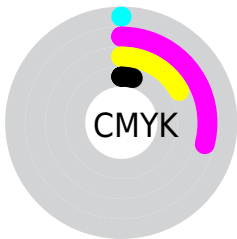
Distribution



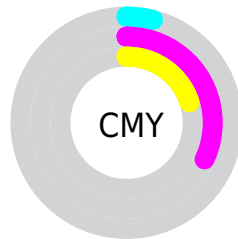
- Red (96%)
- Green (68%)
- Blue (80%)



- Red (96%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (17%)
- Black (4%)




- Cyan (4%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3793, 53.6114, 63.5075 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 63.3793, 53.6114, 63.5075 by changing the saturation by 10% instead.


 63.3793, 53.6114,
63.5075

 63.3793, 53.6114,
63.5075


426.5826,
400.6264, 455.5675

 46.4079, 38.2911,
45.8083


 108.7953, 95.5034,
111.4940

 32.7738, 26.2087,
31.7470


137.9706,
122.8439, 142.6183

 22.1116, 16.9798,
20.9051


171.9446,
154.9599, 179.0548

 14.0560, 10.2201,
12.8641

211.0827,
192.2358, 221.2218

 8.2416, 5.5451,
7.2054

255.7502,
235.0560, 269.5381

 4.3030, 2.5705,
3.5105

306.3124,

 1.8750, 0.9119,

283.8050, 324.4221

1.3608

363.1347,
338.8669, 386.2924

■ 0.5622, 0.0000,
0.1109

■ 0.0000, 0.0000,
0.0000

■ 63.3793, 53.6114,
63.5075

■ 63.3793, 53.6114,
63.5075

■ 57.4796, 44.4129,
53.5214

■ 70.3005, 64.6004,
74.6100

■ 52.5455, 36.9016,
44.6106

■ 78.2862, 77.4611,
86.8616

■ 48.5224, 30.9748,
36.7356

■ 87.3824, 92.2789,
100.2975

■ 45.3481, 26.5156,
29.8530

■ 91.4665, 98.1526,
108.7323

■ 42.9522, 23.3906,
23.9154

■ 41.2514, 21.4418,
18.8699

■ 40.1187, 20.4236,
14.6472

■ 40.0585, 20.3734,
14.4110

Harmonies

Analogous

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



60.6257, 53.6114, 81.7851



63.3793, 53.6114, 63.5075



62.6033, 53.6114, 47.0117

Triad

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



63.3793, 53.6114, 63.5075



46.8167, 53.6114, 32.4726



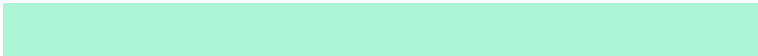
44.0220, 53.6114, 88.5645

Complementary

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



63.3793, 53.6114, 63.5075



62.1540, 79.0969, 76.2851

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.



40.8512, 53.6114, 71.4331



63.3793, 53.6114, 63.5075



42.3734, 53.6114, 39.9197

Square

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



63.3793, 53.6114, 63.5075



52.7184, 53.6114, 31.1849



40.2725, 53.6114, 53.5243



49.2334, 53.6114, 98.0188

Rectangle

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



63.3793, 53.6114, 63.5075



60.2132, 53.6114, 38.9520



40.2725, 53.6114, 53.5243



42.6999, 53.6114, 83.3689

Sweetspot

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



63.3808, 53.6139, 63.5086



86.0794, 85.3889, 95.6437



59.4515, 50.9295, 93.0839



18.1342, 17.8066, 20.0344



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.



63.3808, 53.6139, 63.5086



65.6025, 52.7503, 63.1830



61.3211, 54.6724, 46.8590



16.7855, 16.5970, 18.6169



21.6454, 11.0016, 8.1072



1.9524, 0.9869, 0.9757

Inverse Universe

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



63.3808, 53.6139, 63.5086



65.6025, 52.7503, 63.1830



64.5833, 77.2113, 97.8863



16.7855, 16.5970, 18.6169



21.6454, 11.0016, 8.1072



1.9524, 0.9869, 0.9757

Previews

White Background



This preview shows how the XYZ color 63.3793, 53.6114, 63.5075 looks on a white background.

Color Contrast Check

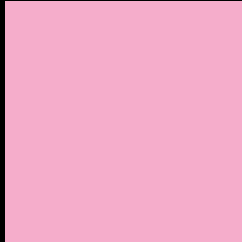
Large Text (above 18pt) WCAG AA × Fail

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 63.3793, 53.6114, 63.5075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

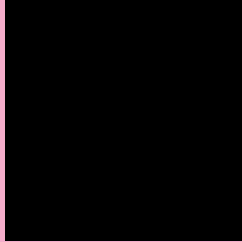
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3793, 53.6114, 63.5075

Background



This preview shows how black text looks on a background with the XYZ color 63.3793, 53.6114, 63.5075.



This preview shows how white text looks on a background with the XYZ color 63.3793, 53.6114,

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

63.3793, 53.6114, 63.5075

Protanopia

52.8216, 54.1226, 71.9527

Deuteranopia

54.9869, 53.8382, 62.1373



Tritanopia

61.4774, 53.3888, 55.2090

Trichromacy



Original Color

63.3793, 53.6114, 63.5075



Protanomaly

56.1807, 53.6698, 69.0263



Deuteranomaly

57.9075, 53.7720, 62.5853



Tritanomaly

62.1819, 53.4002, 58.0689

Monochromacy



Original Color

63.3793, 53.6114, 63.5075



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.6473, 55.0124, 62.2764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3793, 53.6114, 63.5075 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, 173, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 173, 203)  
}
```

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, 173, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 173, 203) }
```

Border

The CSS property to change the border of an element to XYZ 63.3793, 53.6114, 63.5075 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, 173, 203) }
```


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

```
.border{ border-color:rgb(245, 173, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 173, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 173, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 173, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 173,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3793, 53.6114, 63.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 173, 203) }
```

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

```
.background{ background-color: rgb(245,  
173, 203) }
```

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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