

Converting Colors

XYZ(61.1808, 53.7864, 51.6998)

Have a look what the booklet for
XYZ(61.1808, 53.7864, 51.6998)
contains.

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Color

**XYZ(61.2315, 53.9179,
51.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B1B7
RGB	243, 177, 183
RGB Percent	95%, 69%, 72%
CMY	0.0471, 0.3059, 0.2823
CMYK	0.00, 0.27, 0.25, 0.05
HSL	355°, 73%, 82%
HSV	355°, 27%, 95%
XYZ	61.2315, 53.9179, 51.9797
YIQ	197.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

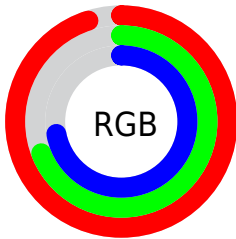
Format	Color
R _Y B	243, 177, 183
Decimal	15970743
CIE Lab	78.41, 24.88, 6.47
CIE LCh	78, 25.705, 14.583
Yxy	53.9179, 0.3664, 0.3226
Android (android.graphics.Color)	4294160823 (0xFFFF3B1B7)
YUV	197.4180, -7.1081, 39.9754
Hunter-Lab	73.4288, 20.3488, 9.4292

Details

The XYZ color **61.2315, 53.9179, 51.9797** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4704, 79.5639, 92.0314**, and the grayscale version is **53.3507, 56.1291, 61.1245**.

A 20% lighter version of the original color is **85.9589, 85.7698, 93.6861**, and **31.4866, 26.4661, 24.5680** is the 20% darker color. If you saturate the color by 10%, you get **54.7304, 44.3111, 39.3443**, and if you desaturate by 10%, it is **68.9511, 65.3833, 66.8031**.

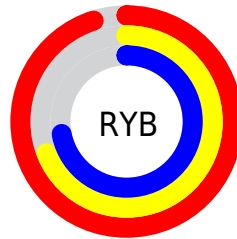
Distribution



Red (95%)

Green (69%)

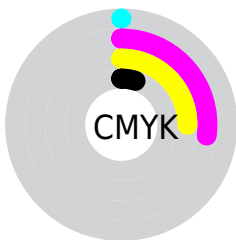
Blue (72%)



Red (95%)

Yellow (69%)

Blue (72%)

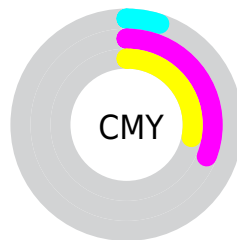


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (5%)



Cyan (5%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2315, 53.9179, 51.9797 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 61.2315, 53.9179, 51.9797 by changing the saturation by 10% instead.

61.2315, 53.9179,
51.9797

61.2315, 53.9179,
51.9797

418.8847,
401.7969, 411.3130

44.6653, 38.5360,
36.6068

105.7103, 95.9537,
94.5276

31.3940, 26.3990,
24.6098

134.3535,
123.3764, 122.5396

21.0524, 17.1224,
15.5702

167.7532,
155.5815, 155.6017

13.2750, 10.3218,
9.0695

206.2746,
192.9534, 194.1325

7.6965, 5.6128,
4.6891

250.2831,
235.8765, 238.5505

3.9515, 2.6111,
2.0105

300.1440,

1.6747, 0.9323,

284.7352, 289.2742

0.5617

356.2228,
339.9138, 346.7222

■ 0.4404, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2315, 53.9179,
51.9797

■ 61.2315, 53.9179,
51.9797

■ 54.7304, 44.3111,
39.3443

■ 68.9511, 65.3833,
66.8031

■ 49.3813, 36.4580,
28.7901

■ 77.9425, 78.7899,
83.9079

■ 45.1179, 30.2546,
20.2063

■ 88.2612, 94.2247,
103.3861

■ 41.8655, 25.5832,
13.4703

■ 90.7722, 97.7947,
108.6998

■ 39.5399, 22.3104,
8.4458

■ 38.0430, 20.2797,
4.9776

■ 37.2510, 19.2902,
2.8809

■ 37.1078, 19.1129,
2.4962

Harmonies

Analogous

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



61.1903, 53.9179, 66.4154



61.2315, 53.9179, 51.9797



58.4795, 53.9179, 41.2695

Triad

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



61.2315, 53.9179, 51.9797



44.7286, 53.9179, 41.0437



48.7089, 53.9179, 89.8061

Complementary

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



61.2315, 53.9179, 51.9797



65.4704, 79.5639, 92.0314

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.



44.6375, 53.9179, 80.4731



61.2315, 53.9179, 51.9797



42.4444, 53.9179, 51.6202

Square

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



61.2315, 53.9179, 51.9797



48.8410, 53.9179, 35.6960



42.4122, 53.9179, 65.9920



53.7315, 53.9179, 89.9452

Rectangle

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



61.2315, 53.9179, 51.9797



55.5292, 53.9179, 37.0005



42.4122, 53.9179, 65.9920



47.1914, 53.9179, 87.5796

Sweetspot

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



61.2330, 53.9204, 51.9808



86.0402, 86.5304, 91.8698



66.6264, 55.8194, 92.0568



18.0764, 18.0139, 19.0193



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.



61.2330, 53.9204, 51.9808



63.8602, 53.5634, 49.3532



66.3501, 65.1322, 50.6730



16.5603, 16.5070, 17.4309



20.3866, 10.4981, 1.4785



1.8121, 0.9308, 0.2372

Inverse Universe

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



61.2330, 53.9204, 51.9808



63.8602, 53.5634, 49.3532



59.0211, 65.2400, 94.2760



16.5603, 16.5070, 17.4309



20.3866, 10.4981, 1.4785



1.8121, 0.9308, 0.2372

Previews

White Background



This preview shows how the XYZ color 61.2315, 53.9179, 51.9797 looks on a white background.

Color Contrast Check

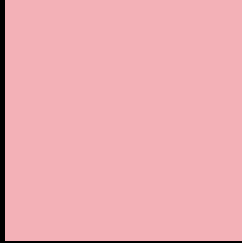
Large Text (above 18pt) WCAG AA × Fail

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 61.2315, 53.9179, 51.9797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

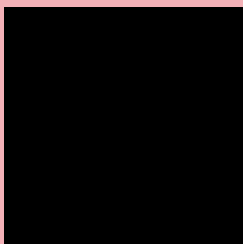
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2315, 53.9179, 51.9797

Background



This preview shows how black text looks on a background with the XYZ color 61.2315, 53.9179, 51.9797.



This preview shows how white text looks on a background with the XYZ color 61.2315, 53.9179,

51.9797.

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

61.2315, 53.9179, 51.9797

Protanopia

51.8731, 53.9515, 57.5488

Deuteranopia

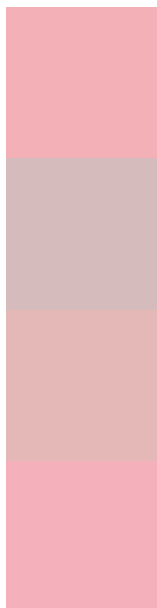
55.2372, 54.2081, 51.2680



Tritanopia

62.0189, 53.9579, 55.2903

Trichromacy



Original Color

61.2315, 53.9179, 51.9797

Protanomaly

54.6872, 53.5109, 55.5904

Deuteranomaly

57.2625, 53.9893, 51.6589

Tritanomaly

61.8032, 53.8716, 54.1546

Monochromacy



Original Color

61.2315, 53.9179, 51.9797

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.6594, 54.9288, 57.5379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2315, 53.9179, 51.9797 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(243, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(243, 177, 183)  
}
```

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(243, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 177, 183) }
```

Border

The CSS property to change the border of an element to XYZ 61.2315, 53.9179, 51.9797 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(243, 177, 183) }
```


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

```
.border{ border-color:rgb(243, 177, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(243, 177,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2315, 53.9179, 51.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 177, 183) }
```

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

```
.background{ background-color: rgb(243,  
177, 183) }
```

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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