

Converting Colors

XYZ(65.3117, 61.5944, 60.2433)

Have a look what the booklet for
XYZ(65.3117, 61.5944, 60.2433)
contains.

XYZ(65.3006, 61.4956, 60.0579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.3006, 61.4956,
60.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C3C3
RGB	240, 195, 195
RGB Percent	94%, 76%, 76%
CMY	0.0588, 0.2353, 0.2353
CMYK	0.00, 0.19, 0.19, 0.06
HSL	0°, 60%, 85%
HSV	0°, 19%, 94%
XYZ	65.3006, 61.4956, 60.0579
YIQ	208.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

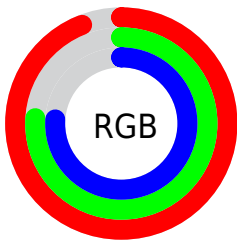
Format	Color
R _Y B	240, 195, 195
Decimal	15778755
CIE Lab	82.64, 16.00, 6.06
CIE LCh	83, 17.110, 20.727
Yxy	61.4956, 0.3495, 0.3291
Android (android.graphics.Color)	4293968835 (0xFFFF0C3C3)
YUV	208.4550, -6.6333, 27.6650
Hunter-Lab	78.4191, 11.4057, 9.4857

Details

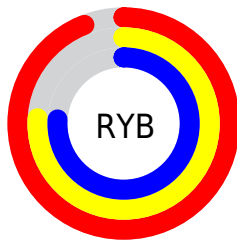
The XYZ color **65.3006, 61.4956, 60.0579** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3933, 80.2115, 94.2635**, and the grayscale version is **60.2805, 63.4197, 69.0641**.

A 20% lighter version of the original color is **93.6211, 97.9091, 106.0594**, and **33.8610, 31.0401, 29.4060** is the 20% darker color. If you saturate the color by 10%, you get **57.8506, 50.5946, 45.2454**, and if you desaturate by 10%, it is **74.0542, 74.3048, 77.4580**.

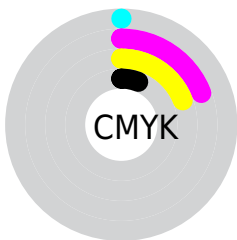
Distribution



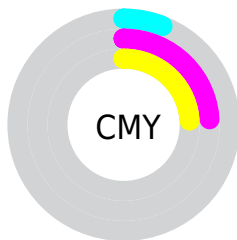
- Red (94%)
- Green (76%)
- Blue (76%)



- Red (94%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3006, 61.4956, 60.0579 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 65.3006, 61.4956, 60.0579 by changing the saturation by 10% instead.

 65.3006, 61.4956,
60.0579

 65.3006, 61.4956,
60.0579


433.3996,
430.0888, 442.6217

 47.9705, 44.6253,
43.0397


 111.5452,
106.9962, 106.4578

 34.0147, 31.1624,
29.5846


141.1904,
136.3952, 136.6767

 23.0678, 20.7225,
19.2742


175.6714,
170.7393, 172.1328

 14.7646, 12.9213,
11.6897

215.3534,
210.4128, 213.2448

 8.7395, 7.3744,
6.4128

260.6019,
255.8001, 260.4311

 4.6274, 3.6973,
3.0249

311.7822,

 2.0629, 1.5057,

307.2856, 314.1103

1.1073

369.2596,
365.2537, 374.7010

0.6689, 0.2928,
0.0000

0.0000, 0.0000,
0.0000

65.3006, 61.4956,
60.0579

65.3006, 61.4956,
60.0579

57.8506, 50.5946,
45.2454

74.0542, 74.3048,
77.4580

51.6373, 41.5027,
32.8935

84.1643, 89.0985,
97.5570

46.5952, 34.1245,
22.8702

89.7454, 97.2654,
108.6517

42.6508, 28.3528,
15.0294

■ 39.7227, 24.0679,
9.2088

■ 37.7176, 21.1338,
5.2234

■ 36.5257, 19.3894,
2.8544

■ 35.9847, 18.5976,
1.7793

■ 35.9356, 18.5259,
1.6818

Harmonies

Analogous

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



65.6938, 61.4956, 70.2676



65.3006, 61.4956, 60.0579



63.0311, 61.4956, 52.5011

Triad

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



65.3006, 61.4956, 60.0579



53.1557, 61.4956, 54.9636



57.3201, 61.4956, 88.9479

Complementary

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



65.3006, 61.4956, 60.0579



69.3933, 80.2115, 94.2635

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.



54.0959, 61.4956, 83.8521



65.3006, 61.4956, 60.0579



51.7588, 61.4956, 63.7545

Square

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



65.3006, 61.4956, 60.0579



55.9879, 61.4956, 49.7806



52.0956, 61.4956, 74.3679



60.9827, 61.4956, 87.6925

Rectangle

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



65.3006, 61.4956, 60.0579



60.8098, 61.4956, 49.6368



52.0956, 61.4956, 74.3679



56.1515, 61.4956, 87.9026

Sweetspot

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



65.3023, 61.4984, 60.0592



87.9959, 89.6780, 94.8763



71.1791, 63.8475, 91.0108



18.6778, 18.9652, 19.9955



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.



65.3023, 61.4984, 60.0592



71.9389, 66.1822, 62.9548



70.7281, 72.3500, 61.8678



15.7730, 15.7591, 16.3602



19.6717, 10.1414, 0.9207



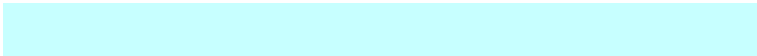
1.6365, 0.8438, 0.0766

Inverse Universe

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



69.3933, 80.2115, 94.2635



77.3349, 90.8649, 108.0704



63.1765, 67.7780, 92.1913



16.2473, 17.9287, 20.3259



25.6636, 37.5515, 51.0234



2.1350, 3.1240, 4.2447

Previews

White Background



This preview shows how the XYZ color 65.3006, 61.4956, 60.0579 looks on a white background.

Color Contrast Check

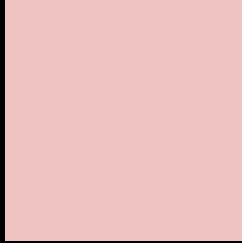
Large Text (above 18pt) WCAG AA × Fail

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 65.3006, 61.4956, 60.0579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

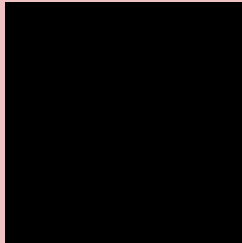
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3006, 61.4956, 60.0579

Background



This preview shows how black text looks on a background with the XYZ color 65.3006, 61.4956, 60.0579.



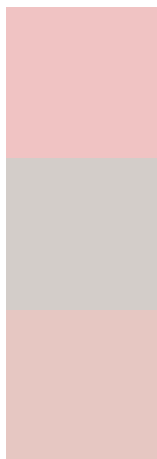
This preview shows how white text looks on a background with the XYZ color 65.3006, 61.4956,

60.0579.

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

65.3006, 61.4956, 60.0579

Protanopia

59.2379, 61.7286, 64.0510

Deuteranopia

62.7942, 61.5649, 59.6125



Tritanopia

67.0731, 61.5712, 68.0238

Trichromacy



Original Color

65.3006, 61.4956, 60.0579

Protanomaly

61.3196, 61.4264, 62.6574

Deuteranomaly

63.8634, 61.7756, 59.5969

Tritanomaly

66.3469, 61.5961, 64.8923

Monochromacy



Original Color

65.3006, 61.4956, 60.0579

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.6506, 62.2393, 65.2640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3006, 61.4956, 60.0579 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(240, 195, 195) looks like.

```
.text, #text, p{  
    color:rgb(240, 195, 195)  
}
```

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(240, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.3006, 61.4956, 60.0579 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(240, 195, 195) }
```


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

```
.border{ border-color:rgb(240, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(240, 195,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3006, 61.4956, 60.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 195, 195) }
```

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

```
.background{ background-color: rgb(240,  
195, 195) }
```

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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