

Converting Colors

XYZ(66.0528, 64.0029, 61.7163)

Have a look what the booklet for
XYZ(66.0528, 64.0029, 61.7163)
contains.

XYZ(65.8897, 63.8090, 61.6669)	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(65.8897, 63.8090,
61.6669)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC9C5
RGB	237, 201, 197
RGB Percent	93%, 79%, 77%
CMY	0.0706, 0.2117, 0.2274
CMYK	0.00, 0.15, 0.17, 0.07
HSL	6°, 53%, 85%
HSV	6°, 17%, 93%
XYZ	65.8897, 63.8090, 61.6669
YIQ	211.3080, 22.7400, 6.3880

Conversions

Conversions Part 2

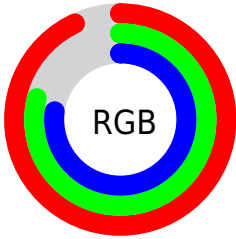
Format	Color
R _Y B	237, 201, 197
Decimal	15583685
CIE Lab	83.87, 12.06, 6.71
CIE LCh	84, 13.800, 29.093
Yxy	63.8090, 0.3443, 0.3334
Android (android.graphics.Color)	4293773765 (0xFFEDC9C5)
YUV	211.3080, -7.0538, 22.5319
Hunter-Lab	79.8805, 7.4453, 10.1451

Details

The XYZ color **65.8897, 63.8090, 61.6669** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4504, 76.2607, 91.2860**, and the grayscale version is **62.1566, 65.3935, 71.2136**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **34.4477, 32.6744, 30.4778** is the 20% darker color. If you saturate the color by 10%, you get **58.7537, 53.5462, 46.9270**, and if you desaturate by 10%, it is **74.1465, 75.6289, 78.8882**.

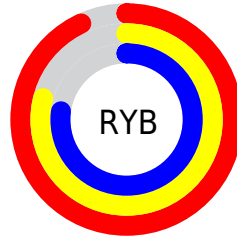
Distribution



Red (93%)

Green (79%)

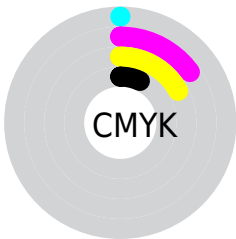
Blue (77%)



Red (93%)

Yellow (79%)

Blue (77%)

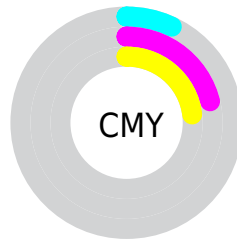


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (7%)



Cyan (7%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8897, 63.8090, 61.6669 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 65.8897, 63.8090, 61.6669 by changing the saturation by 10% instead.

65.8897, 63.8090,
61.6669

65.8897, 63.8090,
61.6669

435.4772,
438.4996, 448.6891

48.4502, 46.4960,
44.3296

112.3866,
110.3358, 108.8109

34.3963, 32.6374,
30.5906

142.1748,
140.3184, 139.4546

23.3626, 21.8488,
20.0314

176.8099,
175.2930, 175.3709

14.9836, 13.7459,
12.2336

216.6573,
215.6440, 216.9782

8.8941, 7.9441,
6.7785

262.0824,
261.7557, 264.6951

4.7287, 4.0592,
3.2476

313.4505,

2.1221, 1.7067,

314.0126, 318.9402

1.2224

371.1270,
372.7991, 380.1320

0.7012, 0.4280,
0.0000

0.0000, 0.0000,
0.0000

65.8897, 63.8090,
61.6669

65.8897, 63.8090,
61.6669

58.7537, 53.5462,
46.9270

74.1465, 75.6289,
78.8882

52.6850, 44.7674,
34.5503

83.5641, 89.0580,
98.6936

47.6338, 37.4064,
24.4148

88.7353, 96.7446,
108.6045

43.5439, 31.3887,
16.3864

■ 40.3540, 26.6330,
10.3161

■ 37.9953, 23.0490,
6.0358

■ 36.3892, 20.5346,
3.3490

■ 35.4399, 18.9691,
2.0060

■ 35.2463, 18.6467,
1.7415

Harmonies

Analogous

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



66.6698, 63.8090, 69.7418



65.8897, 63.8090, 61.6669



63.6942, 63.8090, 56.1070

Triad

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



65.8897, 63.8090, 61.6669



55.7802, 63.8090, 61.2450



60.5563, 63.8090, 87.5546

Complementary

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



65.8897, 63.8090, 61.6669



67.4504, 76.2607, 91.2860

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.



57.7015, 63.8090, 84.8186



65.8897, 63.8090, 61.6669



55.0012, 63.8090, 69.2132

Square

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



65.8897, 63.8090, 61.6669



57.8563, 63.8090, 55.8781



55.6930, 63.8090, 77.9205



63.5292, 63.8090, 85.1209

Rectangle

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



65.8897, 63.8090, 61.6669



61.7589, 63.8090, 54.3307



55.6930, 63.8090, 77.9205



59.5516, 63.8090, 87.2055

Sweetspot

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



65.8915, 63.8119, 61.6682



89.5130, 92.1026, 97.2611



69.5999, 63.8210, 85.7417



18.9989, 19.4845, 20.4811



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.



65.8915, 63.8119, 61.6682



74.9655, 71.2724, 66.9326



70.8602, 73.7493, 63.3245



15.1868, 15.2966, 15.6708



19.2861, 10.2665, 0.9651



1.5555, 0.8883, 0.0895

Inverse Universe

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



67.4504, 76.2607, 91.2860



77.1046, 88.3630, 107.5997



62.1070, 65.5740, 89.5049



15.3813, 16.8491, 19.3638



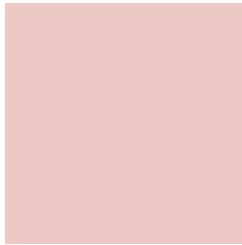
21.4295, 29.5061, 48.3088



1.7200, 2.3915, 3.8058

Previews

White Background



This preview shows how the XYZ color 65.8897, 63.8090, 61.6669 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 65.8897, 63.8090, 61.6669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

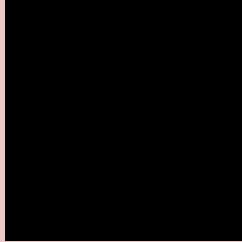
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8897, 63.8090, 61.6669

Background



This preview shows how black text looks on a background with the XYZ color 65.8897, 63.8090, 61.6669.



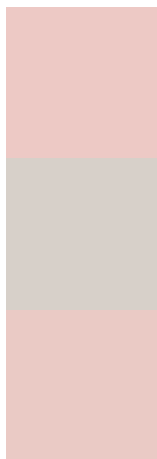
This preview shows how white text looks on a background with the XYZ color 65.8897, 63.8090,

61.6669.

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

65.8897, 63.8090, 61.6669

Protanopia

61.1228, 63.7759, 64.3468

Deuteranopia

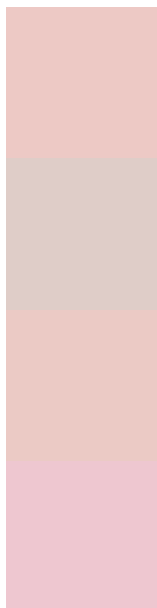
65.1303, 63.7647, 61.6984



Tritanopia

67.9283, 63.5939, 72.3130

Trichromacy



Original Color

65.8897, 63.8090, 61.6669

Protanomaly

62.6881, 63.5207, 63.6003

Deuteranomaly

65.4595, 63.9344, 61.7138

Tritanomaly

67.0685, 63.5781, 68.4114

Monochromacy



Original Color

65.8897, 63.8090, 61.6669

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9686, 64.2975, 67.4844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8897, 63.8090, 61.6669 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(237, 201, 197)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 197)  
}
```

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(237, 201, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.8897, 63.8090, 61.6669 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(237, 201, 197) }
```


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

```
.border{ border-color:rgb(237, 201, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 201, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 201, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 201, 197); box-shadow:4px 4px 4px 4px rgb(237, 201, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8897, 63.8090, 61.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 197) }
```

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

```
.background{ background-color: rgb(237,  
201, 197) }
```

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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