

Converting Colors

XYZ(63.3192, 63.6889, 56.6682)

Have a look what the booklet for
XYZ(63.3192, 63.6889, 56.6682)
contains.

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Color

**XYZ(63.3031, 63.6396,
56.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CCBC
RGB	230, 204, 188
RGB Percent	90%, 80%, 74%
CMY	0.0980, 0.2000, 0.2627
CMYK	0.00, 0.11, 0.18, 0.10
HSL	23°, 46%, 82%
HSV	23°, 18%, 90%
XYZ	63.3031, 63.6396, 56.5242
YIQ	209.9500, 20.6320, 0.5360

Conversions

Conversions Part 2

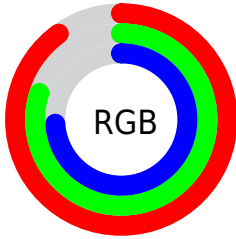
Format	Color
R _Y B	230, 214, 188
Decimal	15125692
CIE Lab	83.78, 6.57, 11.29
CIE LCh	84, 13.065, 59.799
Yxy	63.6396, 0.3450, 0.3469
Android (android.graphics.Color)	4293315772 (0xFFE6CCBC)
YUV	209.9500, -10.8213, 17.5839
Hunter-Lab	79.7744, 2.0392, 13.8322

Details

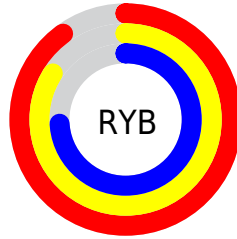
The XYZ color **63.3031, 63.6396, 56.5242** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.0681, 64.4961, 84.1991**, and the grayscale version is **61.2865, 64.4782, 70.2167**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **32.7351, 32.5606, 27.4812** is the 20% darker color. If you saturate the color by 10%, you get **57.7887, 56.2671, 43.4129**, and if you desaturate by 10%, it is **69.5254, 71.7944, 71.8224**.

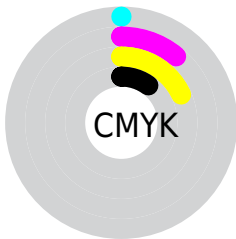
Distribution



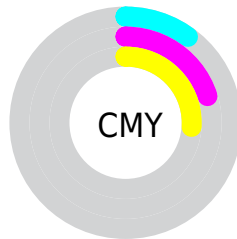
- Red (90%)
- Green (80%)
- Blue (74%)



- Red (90%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (10%)





- Cyan (10%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3031, 63.6396, 56.5242 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 63.3031, 63.6396, 56.5242 by changing the saturation by 10% instead.

 63.3031, 63.6396,
56.5242

 63.3031, 63.6396,
56.5242


426.3109,
437.8870, 429.1077

 46.3460, 46.3588,
40.2165


 108.6860,
110.0917, 101.2640

 32.7247, 32.5291,
27.3924


137.8426,
140.0319, 130.5333

 22.0739, 21.7659,
17.6331

171.7964,
174.9606, 164.9602

 14.0281, 13.6850,
10.5202

210.9127,
215.2624, 204.9632

 8.2221, 7.9019,
5.6351

255.5570,
261.3215, 250.9609

 4.2904, 4.0322,
2.5593

306.0945,

 1.8677, 1.6916,

313.5224, 303.3719

0.8713

362.8907,
372.2494, 362.6146

■ 0.5579, 0.4182,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3031, 63.6396,
56.5242

■ 63.3031, 63.6396,
56.5242

■ 57.7887, 56.2671,
43.4129

■ 69.5254, 71.7944,
71.8224

■ 52.9501, 49.6445,
32.3833

■ 76.4759, 80.7459,
89.3980

■ 48.7603, 43.7493,
23.3277

■ 83.8563, 90.3890,
107.6349

■ 45.1882, 38.5547,
16.1268

■ 86.4433, 95.5631,
108.4972

■ 42.1999, 34.0320,
10.6482

■ 39.7574, 30.1501,
6.7419

■ 37.8174, 26.8747,
4.2311

■ 36.3216, 24.1645,
2.8648

■ 36.0939, 23.7442,
2.6807

Harmonies

Analogous

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



65.3983, 63.6396, 61.7394



63.3031, 63.6396, 56.5242



60.5069, 63.6396, 54.6740

Triad

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



63.3031, 63.6396, 56.5242



55.1408, 63.6396, 69.2373



63.2686, 63.6396, 83.9153

Complementary

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



63.3031, 63.6396, 56.5242



59.0681, 64.4961, 84.1991

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.



60.4682, 63.6396, 86.3093



63.3031, 63.6396, 56.5242



55.8289, 63.6396, 77.4382

Square

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



63.3031, 63.6396, 56.5242



55.8473, 63.6396, 61.6506



57.7567, 63.6396, 83.8524



65.3780, 63.6396, 77.5416

Rectangle

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



63.3031, 63.6396, 56.5242



58.6395, 63.6396, 55.4747



57.7567, 63.6396, 83.8524



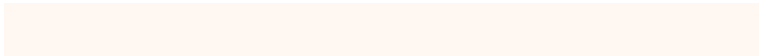
62.3740, 63.6396, 85.2335

Sweetspot

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



63.3048, 63.6425, 56.5255



90.5986, 94.2738, 97.6230



62.8314, 57.6760, 71.8425



19.2620, 20.0106, 20.5688



0.0000, 0.0000, 0.0000



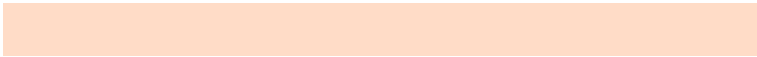
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3048, 63.6425, 56.5255



77.2033, 76.7111, 64.7096



68.4741, 73.9810, 58.2486



14.8249, 15.2637, 15.0693



20.5433, 13.6608, 1.5540



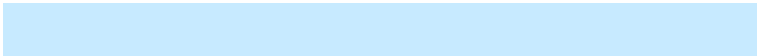
1.6055, 1.1844, 0.1440

Inverse Universe

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



59.0681, 64.4961, 84.1991



70.8921, 77.9794, 105.9229



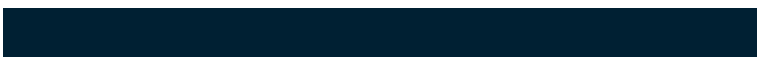
54.2256, 54.8112, 82.5850



14.3220, 15.3654, 18.3553



13.7141, 14.4904, 44.4573



1.1024, 1.2488, 3.3149

Previews

White Background



This preview shows how the XYZ color 63.3031, 63.6396, 56.5242 looks on a white background.

Color Contrast Check

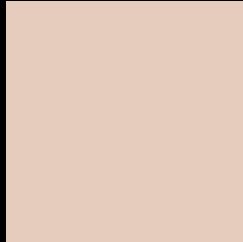
Large Text (above 18pt) WCAG AA × Fail

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 63.3031, 63.6396, 56.5242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

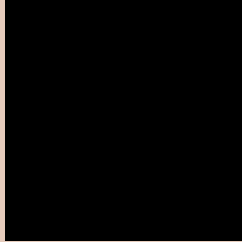
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3031, 63.6396, 56.5242

Background



This preview shows how black text looks on a background with the XYZ color 63.3031, 63.6396, 56.5242.



This preview shows how white text looks on a background with the XYZ color 63.3031, 63.6396,

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

63.3031, 63.6396, 56.5242

Protanopia

60.4654, 63.5812, 57.8007

Deuteranopia

64.8888, 63.4087, 56.3960



Tritanopia

66.9806, 63.7588, 73.7422

Trichromacy



Original Color

63.3031, 63.6396, 56.5242

Protanomaly

61.6223, 63.8294, 57.2166

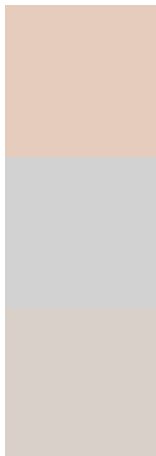
Deuteranomaly

64.1293, 63.3643, 56.4275

Tritanomaly

65.6315, 63.5532, 67.2004

Monochromacy



Original Color

63.3031, 63.6396, 56.5242

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.8318, 64.1277, 64.9961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3031, 63.6396, 56.5242 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(230, 204, 188)` looks like.

```
.text, #text, p{  
    color:rgb(230, 204, 188)  
}
```

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(230, 204, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 204, 188) }
```

Border

The CSS property to change the border of an element to XYZ 63.3031, 63.6396, 56.5242 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(230, 204, 188) }
```


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

```
.border{ border-color:rgb(230, 204, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 204, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 204, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 204, 188);  
box-shadow:4px 4px 4px 4px rgb(230, 204,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3031, 63.6396, 56.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 204, 188) }
```

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

```
.background{ background-color: rgb(230,  
204, 188) }
```

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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