

Converting Colors

XYZ(58.0512, 61.2777, 64.6946)

Have a look what the booklet for
XYZ(58.0512, 61.2777, 64.6946)
contains.

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Color

**XYZ(57.9456, 61.0487,
64.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	CECDCA
RGB	206, 205, 202
RGB Percent	81%, 80%, 79%
CMY	0.1922, 0.1961, 0.2078
CMYK	0.00, 0.00, 0.02, 0.19
HSL	45°, 4%, 80%
HSV	45°, 2%, 81%
XYZ	57.9456, 61.0487, 64.6066
YIQ	204.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

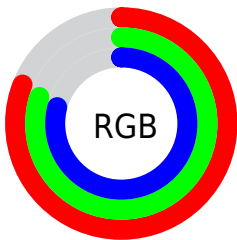
Format	Color
RYB	203, 206, 202
Decimal	13553098
CIELab	82.40, -0.19, 1.60
CIELCh	82, 1.614, 96.886
Yxy	61.0487, 0.3156, 0.3325
Android (android.graphics.Color)	4291743178 (0xFFCECDCA)
YUV	204.9570, -1.4578, 0.9147
Hunter-Lab	78.1337, -4.3545, 5.6683

Details

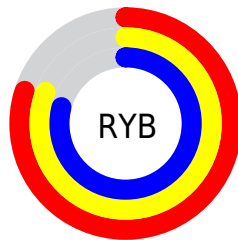
The XYZ color **57.9456, 61.0487, 64.6066** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8537, 59.7239, 66.9248**, and the grayscale version is **58.0107, 61.0318, 66.4636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3608, 30.9467, 32.4428** is the 20% darker color. If you saturate the color by 10%, you get **54.4606, 57.7244, 52.2038**, and if you desaturate by 10%, it is **61.8000, 64.5891, 78.7404**.

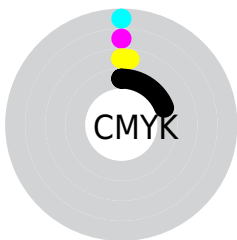
Distribution



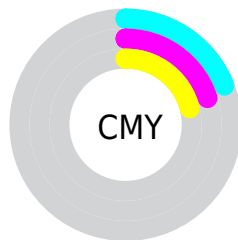
- Red (81%)
- Green (80%)
- Blue (79%)



- Red (80%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9456, 61.0487, 64.6066 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 57.9456, 61.0487, 64.6066 by changing the saturation by 10% instead.

■ 57.9456, 61.0487,
64.6066

■ 57.9456, 61.0487,
64.6066

406.9403,
428.4525, 459.6444

■ 42.0080, 44.2645,
46.6928

100.9671,
106.3494, 113.0919

■ 29.2987, 30.8785,
32.4403

128.7816,
135.6348, 144.5006

■ 19.4523, 20.5063,
21.4304

161.2859,
169.8559, 181.2446

■ 12.1035, 12.7636,
13.2447

198.8453,
209.3972, 223.7426

■ 6.8869, 7.2660,
7.4646

241.8250,
254.6432, 272.4130

■ 3.4372, 3.6290,
3.6715

290.5905,

■ 1.3889, 1.4683,

305.9781, 327.6744

1.4469

345.5072,
363.7864, 389.9453

■ 0.2483, 0.2662,
0.1779

■ 0.0000, 0.0000,
0.0000

■ 57.9456, 61.0487,
64.6066

■ 57.9456, 61.0487,
64.6066

■ 54.4606, 57.7244,
52.2038

■ 61.8000, 64.5891,
78.7404

■ 51.3266, 54.6024,
41.4605

■ 66.0311, 68.3432,
94.6652

■ 48.5313, 51.6791,
32.3059

■ 69.2026, 71.7392,
104.8074

■ 46.0597, 48.9478,
24.6628

■ 70.5735, 74.4811,
105.2644

■ 43.8954, 46.4014,
18.4474

■ 71.9863, 77.3065,
105.7353

■ 42.0207, 44.0322,
13.5676

■ 73.4411, 80.2162,
106.2203

■ 40.4156, 41.8314,
9.9206

■ 74.9383, 83.2107,
106.7193

■ 39.0573, 39.7894,
7.3884

■ 76.4784, 86.2908,
107.2327

■ 37.9187, 37.8945,
5.8299

■ 78.0616, 89.4572,
107.7604

Harmonies

Analogous

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



58.2853, 61.0487, 64.7426



57.9456, 61.0487, 64.6066



57.6284, 61.0487, 64.9663

Triad

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



57.9456, 61.0487, 64.6066



57.4969, 61.0487, 67.6165



58.6361, 61.0487, 67.2189

Complementary

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



57.9456, 61.0487, 64.6066



56.8537, 59.7239, 66.9248

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.



58.4233, 61.0487, 68.0001



57.9456, 61.0487, 64.6066



57.7654, 61.0487, 68.2312

Square

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



57.9456, 61.0487, 64.6066



57.3700, 61.0487, 66.6993



58.1044, 61.0487, 68.3723



58.6849, 61.0487, 66.2445

Rectangle

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



57.9456, 61.0487, 64.6066



57.4721, 61.0487, 65.4410



58.1044, 61.0487, 68.3723



58.5814, 61.0487, 67.5131

Sweetspot

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



57.9473, 61.0513, 64.6079



94.4398, 99.4322, 106.6846



57.3545, 59.6756, 64.9964



20.2204, 21.2886, 22.8582



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.



57.9473, 61.0513, 64.6079



93.8356, 98.8679, 104.4980



57.9097, 61.3870, 64.6747



12.4794, 13.1473, 13.9264



22.9386, 22.6102, 3.1552



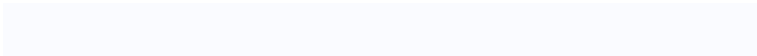
1.2411, 1.2819, 0.1820

Inverse Universe

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



56.8537, 59.7239, 66.9248



91.9890, 96.6265, 108.4102



56.8906, 59.3947, 66.8593



12.2516, 12.8708, 14.4090



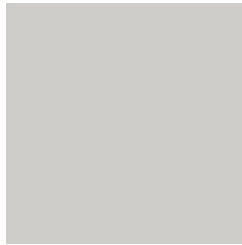
7.6631, 4.3502, 36.3921



0.4573, 0.3484, 1.8981

Previews

White Background



This preview shows how the XYZ color 57.9456, 61.0487, 64.6066 looks on a white background.

Color Contrast Check

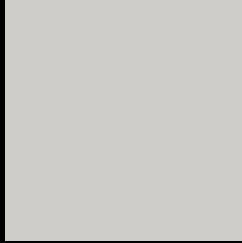
Large Text (above 18pt) WCAG AA × Fail

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 57.9456, 61.0487, 64.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

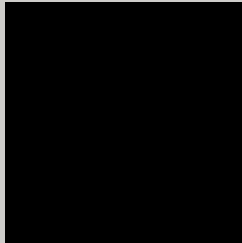
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

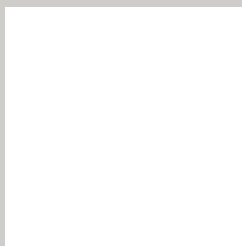
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9456, 61.0487, 64.6066

Background



This preview shows how black text looks on a background with the XYZ color 57.9456, 61.0487, 64.6066.



This preview shows how white text looks on a background with the XYZ color 57.9456, 61.0487,

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

57.9456, 61.0487, 64.6066

Protanopia

58.4300, 60.9581, 63.9448

Deuteranopia

62.0249, 60.7075, 64.9486



Tritanopia

60.0699, 60.8583, 74.9105

Trichromacy



Original Color

57.9456, 61.0487, 64.6066

Protanomaly

58.1479, 60.8127, 63.9316

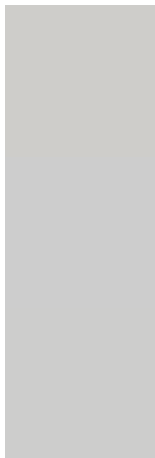
Deuteranomaly

60.5796, 60.9905, 65.0794

Tritanomaly

59.2520, 60.8752, 70.9145

Monochromacy



Original Color

57.9456, 61.0487, 64.6066

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9072, 61.0014, 65.8492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9456, 61.0487, 64.6066 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(206, 205, 202) looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 202)  
}
```

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(206, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.9456, 61.0487, 64.6066 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(206, 205, 202) }
```


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

```
.border{ border-color:rgb(206, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9456, 61.0487, 64.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 205, 202) }
```

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

```
.background{ background-color: rgb(206,  
205, 202) }
```

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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