

Converting Colors

XYZ(57.2094, 59.8231, 63.6775)

Have a look what the booklet for
XYZ(57.2094, 59.8231, 63.6775)
contains.

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Color

**XYZ(57.3522, 60.0507,
63.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	CECBC9
RGB	206, 203, 201
RGB Percent	81%, 80%, 79%
CMY	0.1922, 0.2039, 0.2118
CMYK	0.00, 0.01, 0.02, 0.19
HSL	24°, 5%, 80%
HSV	24°, 2%, 81%
XYZ	57.3522, 60.0507, 63.8265
YIQ	203.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

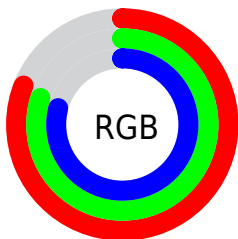
Format	Color
R _Y B	206, 204, 201
Decimal	13552585
CIE Lab	81.87, 0.68, 1.35
CIE LCh	82, 1.512, 63.344
Yxy	60.0507, 0.3165, 0.3314
Android (android.graphics.Color)	4291742665 (0xFFCECBC9)
YUV	203.6690, -1.3158, 2.0443
Hunter-Lab	77.4924, -3.5036, 5.4105

Details

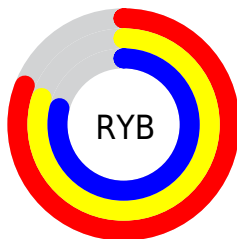
The XYZ color **57.3522, 60.0507, 63.8265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8210, 60.0589, 66.9913**, and the grayscale version is **57.1940, 60.1726, 65.5279**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9628, 30.2769, 31.9213** is the 20% darker color. If you saturate the color by 10%, you get **52.2896, 53.5465, 50.9742**, and if you desaturate by 10%, it is **62.9755, 67.1546, 78.4706**.

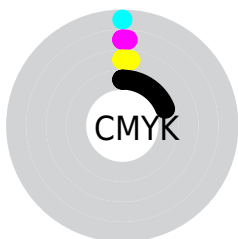
Distribution



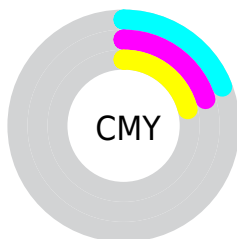
- Red (81%)
- Green (80%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3522, 60.0507, 63.8265 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 57.3522, 60.0507, 63.8265 by changing the saturation by 10% instead.

■ 57.3522, 60.0507,
63.8265

■ 57.3522, 60.0507,
63.8265

404.7606,
424.7846, 456.7531

■ 41.5293, 43.4595,
46.0649

100.1073,
104.9032, 111.9581

■ 28.9224, 30.2458,
31.9480

127.7702,
133.9333, 143.1651

■ 19.1661, 20.0252,
21.0573

160.1106,
167.8785, 179.6911

■ 11.8951, 12.4134,
12.9742

197.4937,
207.1232, 221.9545

■ 6.7440, 7.0259,
7.2803

240.2848,
252.0517, 270.3738

■ 3.3474, 3.4783,
3.5569

288.8495,

■ 1.3400, 1.3862,

303.0486, 325.3677

1.3856

343.5530,
360.4981, 387.3546

■ 0.2129, 0.2065,
0.1304

■ 0.0000, 0.0000,
0.0000

■ 57.3522, 60.0507,
63.8265

■ 57.3522, 60.0507,
63.8265

■ 52.2896, 53.5465,
50.9742

■ 62.9755, 67.1546,
78.4706

■ 47.7643, 47.6182,
39.8403

■ 69.1717, 74.8656,
94.9681

■ 43.7589, 42.2519,
30.3522

■ 74.6771, 82.6882,
106.6323

■ 40.2527, 37.4300,
22.4305

■ 78.4372, 90.2084,
107.8856

■ 37.2238, 33.1342,
15.9891

■ 79.2640, 91.8620,
108.1612

■ 34.6483, 29.3446,
10.9335

■ 32.5000, 26.0403,
7.1582

■ 30.7494, 23.1983,
4.5422

■ 29.3620, 20.7930,
2.9406

Harmonies

Analogous

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



57.5907, 60.0507, 64.4235



57.3522, 60.0507, 63.8265



57.0406, 60.0507, 63.6458

Triad

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



57.3522, 60.0507, 63.8265



56.4658, 60.0507, 65.4876



57.4144, 60.0507, 66.8645

Complementary

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



57.3522, 60.0507, 63.8265



56.8210, 60.0589, 66.9913

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.



57.1122, 60.0507, 67.1556



57.3522, 60.0507, 63.8265



56.5652, 60.0507, 66.3560

Square

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



57.3522, 60.0507, 63.8265



56.5296, 60.0507, 64.5995



56.8015, 60.0507, 66.9687



57.6267, 60.0507, 66.1768

Rectangle

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



57.3522, 60.0507, 63.8265



56.8335, 60.0507, 63.7843



56.8015, 60.0507, 66.9687



57.3200, 60.0507, 67.0123

Sweetspot

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



57.3539, 60.0533, 63.8278



94.1565, 98.8656, 106.5902



57.2403, 59.2557, 65.5483



20.1628, 21.1733, 22.8390



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.



57.3539, 60.0533, 63.8278



92.3973, 96.6265, 102.0600



57.9483, 61.2421, 64.0259



12.1949, 12.7343, 13.3507



17.6458, 12.0245, 1.3909



0.9840, 0.7677, 0.0963

Inverse Universe

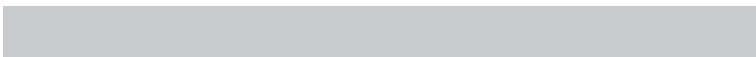
The Inverse Universe completely reimagines the original color for something new.



56.8210, 60.0589, 66.9913



91.3213, 96.6378, 108.4476



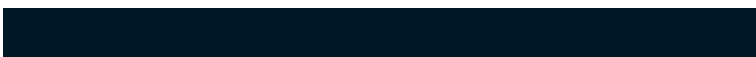
56.2323, 58.8815, 66.7950



12.0189, 12.7361, 14.3952



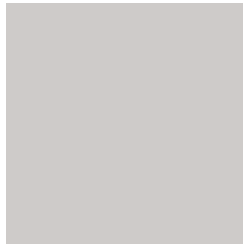
11.3541, 11.7323, 37.6224



0.6588, 0.7514, 1.9652

Previews

White Background



This preview shows how the XYZ color 57.3522, 60.0507, 63.8265 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 57.3522, 60.0507, 63.8265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

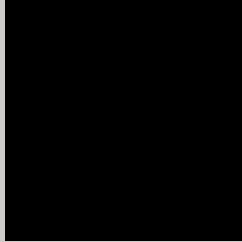
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

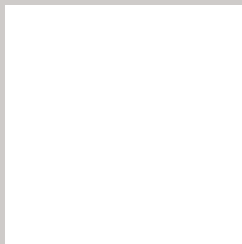
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3522, 60.0507, 63.8265

Background



This preview shows how black text looks on a background with the XYZ color 57.3522, 60.0507, 63.8265.

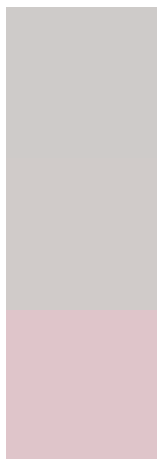


This preview shows how white text looks on a background with the XYZ color 57.3522, 60.0507,

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

57.3522, 60.0507, 63.8265

Protanopia

57.9110, 60.3388, 63.8527

Deuteranopia

61.0583, 59.8847, 64.2179



Tritanopia

59.2937, 60.1411, 73.4490

Trichromacy



Original Color

57.3522, 60.0507, 63.8265

Protanomaly

57.6307, 60.1943, 63.8395

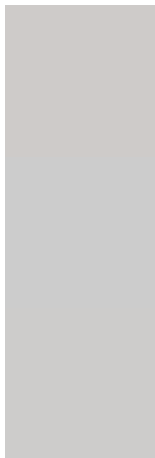
Deuteranomaly

59.6994, 59.8628, 64.2853

Tritanomaly

58.6105, 60.2096, 70.1605

Monochromacy



Original Color

57.3522, 60.0507, 63.8265

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5492, 60.4767, 65.1399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3522, 60.0507, 63.8265 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, 203, 201) looks like.

```
.text, #text, p{  
    color:rgb(206, 203, 201)  
}
```

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, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 203, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.3522, 60.0507, 63.8265 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, 203, 201) }
```


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

```
.border{ border-color:rgb(206, 203, 201) }
```

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

Here you see how a box with a 4 pixel rgb(206, 203, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 203,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3522, 60.0507, 63.8265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 203, 201) }
```

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

```
.background{ background-color: rgb(206,  
203, 201) }
```

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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