

Converting Colors

XYZ(56.7540, 60.1556, 64.1628)

Have a look what the booklet for
XYZ(56.7540, 60.1556, 64.1628)
contains.

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Color

**XYZ(56.7641, 60.0993,
63.8669)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCCC9
RGB	203, 204, 201
RGB Percent	80%, 80%, 79%
CMY	0.2039, 0.2000, 0.2118
CMYK	0.00, 0.00, 0.01, 0.20
HSL	80°, 3%, 79%
HSV	80°, 1%, 80%
XYZ	56.7641, 60.0993, 63.8669
YIQ	203.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

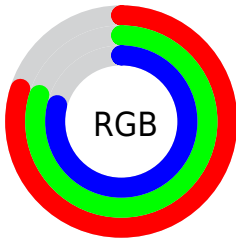
Format	Color
R_{YB}	201, 204, 202
Decimal	13356233
CIE Lab	81.89, -0.88, 1.36
CIE LCh	82, 1.624, 123.008
Yxy	60.0993, 0.3141, 0.3325
Android (android.graphics.Color)	4291546313 (0xFFCBCCC9)
YUV	203.3590, -1.1630, -0.3148
Hunter-Lab	77.5237, -4.9660, 5.4213

Details

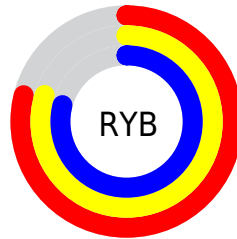
The XYZ color **56.7641, 60.0993, 63.8669** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1452, 58.6911, 65.4992**, and the grayscale version is **56.9988, 59.9671, 65.3042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5672, 30.3088, 31.9483** is the 20% darker color. If you saturate the color by 10%, you get **52.7066, 58.2684, 51.9707**, and if you desaturate by 10%, it is **61.2254, 62.1049, 77.4483**.

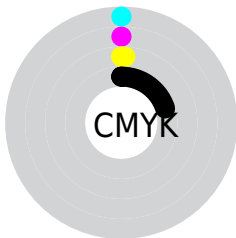
Distribution



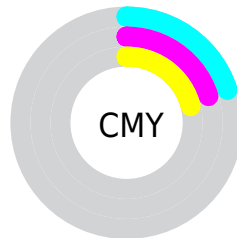
- Red (80%)
- Green (80%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7641, 60.0993, 63.8669 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 56.7641, 60.0993, 63.8669 by changing the saturation by 10% instead.

■ 56.7641, 60.0993,
63.8669

■ 56.7641, 60.0993,
63.8669

402.5933,
424.9637, 456.9031

■ 41.0553, 43.4987,
46.0974

99.2542, 104.9737,
112.0169

■ 28.5501, 30.2766,
31.9735

126.7663,
134.0163, 143.2344

■ 18.8833, 20.0486,
21.0766

158.9434,
167.9749, 179.7716

■ 11.6895, 12.4304,
12.9882

196.1510,
207.2341, 222.0472

■ 6.6033, 7.0375,
7.2898

238.7545,
252.1782, 270.4796

■ 3.2594, 3.4856,
3.5628

287.1191,

■ 1.2924, 1.3902,

303.1915, 325.4873

1.3887

341.6102,
360.6586, 387.4890

■ 0.1775, 0.2095,
0.1329

■ 0.0000, 0.0000,
0.0000

■ 56.7641, 60.0993,
63.8669

■ 56.7641, 60.0993,
63.8669

■ 52.7066, 58.2684,
51.9707

■ 61.2254, 62.1049,
77.4483

■ 49.0344, 56.5991,
41.6901

■ 66.0982, 64.2828,
92.7730

■ 45.7347, 55.0879,
32.9563

■ 70.2148, 66.1679,
103.6787

■ 42.7923, 53.7288,
25.6941

■ 72.3634, 67.2755,
103.7793

■ 40.1906, 52.5148,
19.8222

■ 74.5975, 68.4273,
103.8838

■ 37.9115, 51.4387,
15.2513

■ 76.9182, 69.6236,
103.9924

■ 35.9350, 50.4923,
11.8815

■ 79.3264, 70.8651,
104.1051

■ 34.2381, 49.6663,
9.5987

■ 80.8840, 71.6681,
104.1780

■ 32.7938, 48.9497,
8.2666

Harmonies

Analogous

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



57.0880, 60.0993, 63.5700



56.7641, 60.0993, 63.8669



56.5370, 60.0993, 64.5845

Triad

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



56.7641, 60.0993, 63.8669



56.8238, 60.0993, 67.1353



57.7836, 60.0993, 65.3389

Complementary

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



56.7641, 60.0993, 63.8669



56.1452, 58.6911, 65.4992

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.



57.7122, 60.0993, 66.2988



56.7641, 60.0993, 63.8669



57.1572, 60.0993, 67.3421

Square

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



56.7641, 60.0993, 63.8669



56.5714, 60.0993, 66.4721



57.4826, 60.0993, 67.0345



57.6774, 60.0993, 64.4145

Rectangle

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



56.7641, 60.0993, 63.8669



56.4705, 60.0993, 65.2083



57.4826, 60.0993, 67.0345



57.7796, 60.0993, 65.6681

Sweetspot

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



56.7658, 60.1019, 63.8682

95.0500, 100.0000, 108.9000



56.5671, 59.2975, 63.7234



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



56.7658, 60.1019, 63.8682



93.6154, 99.3541, 104.6035



56.3594, 59.8924, 63.8492



12.4522, 13.2072, 13.9394



20.0668, 30.5201, 4.8333



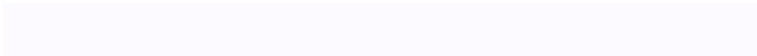
1.1137, 1.6150, 0.2530

Inverse Universe

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



56.1452, 58.6911, 65.4992



92.2062, 96.1507, 108.3069



56.5529, 58.9013, 65.5183



12.2784, 12.8120, 14.3962



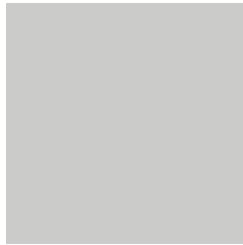
8.4567, 3.5671, 36.1991



0.5167, 0.2255, 1.8712

Previews

White Background



This preview shows how the XYZ color 56.7641, 60.0993, 63.8669 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 56.7641, 60.0993, 63.8669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

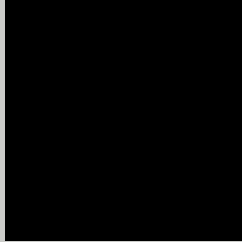
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

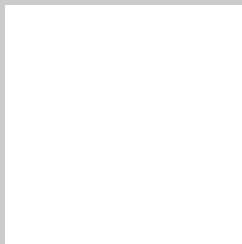
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7641, 60.0993, 63.8669

Background



This preview shows how black text looks on a background with the XYZ color 56.7641, 60.0993, 63.8669.

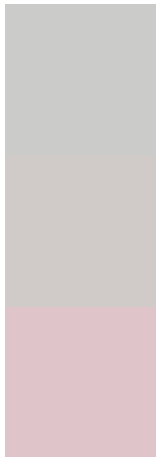


This preview shows how white text looks on a background with the XYZ color 56.7641, 60.0993,

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

56.7641, 60.0993, 63.8669

Protanopia

57.7937, 60.2919, 63.2350

Deuteranopia

61.0583, 59.8847, 64.2179



Tritanopia

58.8646, 59.9049, 74.1059

Trichromacy



Original Color

56.7641, 60.0993, 63.8669

Protanomaly

57.2349, 60.0038, 63.2089

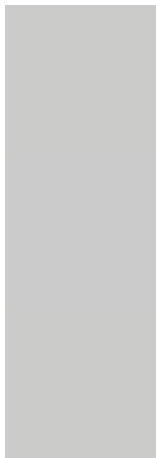
Deuteranomaly

59.6338, 60.1718, 64.3484

Tritanomaly

58.0552, 59.9233, 70.1345

Monochromacy



Original Color

56.7641, 60.0993, 63.8669

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6452, 59.6726, 64.4096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7641, 60.0993, 63.8669 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(203, 204, 201) looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 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(203, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.7641, 60.0993, 63.8669 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(203, 204, 201) }
```

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

```
.border{ border-color:rgb(203, 204, 201) }
```

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

Here you see how a box with a 4 pixel rgb(203, 204, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
201) }
```


Background

The CSS property to change the background color of an element to XYZ 56.7641, 60.0993, 63.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 201) }
```

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

```
.background{ background-color: rgb(203,  
204, 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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