

Converting Colors

XYZ(56.5091, 60.7271, 65.8783)

Have a look what the booklet for
XYZ(56.5091, 60.7271, 65.8783)
contains.

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Color

**XYZ(56.5236, 60.6444,
65.8532)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CECC
RGB	199, 206, 204
RGB Percent	78%, 81%, 80%
CMY	0.2196, 0.1921, 0.2000
CMYK	0.03, 0.00, 0.01, 0.19
HSL	163°, 7%, 79%
HSV	163°, 3%, 81%
XYZ	56.5236, 60.6444, 65.8532
YIQ	203.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

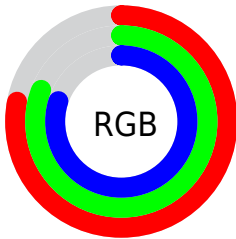
Format	Color
RYB	199, 203, 206
Decimal	13094604
CIELab	82.19, -2.75, 0.15
CIELCh	82, 2.756, 176.829
Yxy	60.6444, 0.3088, 0.3314
Android (android.graphics.Color)	4291284684 (0xFFC7CECC)
YUV	203.6790, 0.1583, -4.1035
Hunter-Lab	77.8745, -6.7199, 4.3746

Details

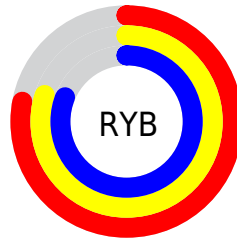
The XYZ color **56.5236, 60.6444, 65.8532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4219, 58.1873, 63.5188**, and the grayscale version is **57.1940, 60.1726, 65.5279**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.4103, 30.6782, 33.2783** is the 20% darker color. If you saturate the color by 10%, you get **50.7303, 57.7397, 61.9629**, and if you desaturate by 10%, it is **63.0870, 63.9465, 69.9217**.

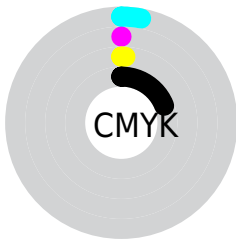
Distribution



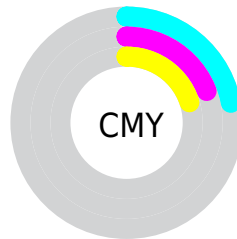
- Red (78%)
- Green (81%)
- Blue (80%)



- Red (78%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5236, 60.6444, 65.8532 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 56.5236, 60.6444, 65.8532 by changing the saturation by 10% instead.

■ 56.5236, 60.6444,
65.8532

■ 56.5236, 60.6444,
65.8532

401.7049,
426.9690, 464.2416

■ 40.8615, 43.9382,
47.6975

98.9051, 105.7639,
114.9006

■ 28.3981, 30.6220,
33.2291

126.3552,
134.9460, 146.6294

■ 18.7679, 20.3112,
22.0295

158.4654,
169.0556, 183.7196

■ 11.6057, 12.6214,
13.6800

195.6011,
208.4770, 226.5899

■ 6.5461, 7.1684,
7.7623

238.1275,
253.5946, 275.6587

■ 3.2237, 3.5676,
3.8576

286.4100,

■ 1.2731, 1.4348,

304.7929, 331.3445

1.5476

340.8140,
362.4562, 394.0660

■ 0.1630, 0.2421,
0.2530

■ 0.0000, 0.0000,
0.0000

■ 56.5236, 60.6444,
65.8532

■ 56.5236, 60.6444,
65.8532

■ 50.7303, 57.7397,
61.9629

■ 63.0870, 63.9465,
69.9217

■ 45.6722, 55.2092,
58.2438


■ 70.4436, 67.6526,
74.1672


■ 41.3191, 53.0392,
54.6943

■ 76.4545, 70.6618,
78.4922


■ 37.6370, 51.2120,
51.3112


■ 77.2569, 70.9827,
82.7176


 34.5887, 49.7087,
48.0911


 78.0872, 71.3148,
87.0898


 32.1335, 48.5082,
45.0306


 78.9456, 71.6582,
91.6102


 30.2256, 47.5869,
42.1257

 79.8324, 72.0129,
96.2802

 28.8124, 46.9179,
39.3724

 80.7479, 72.3791,
101.1012

 27.8305, 46.4684,
36.7659

 81.3625, 72.6250,
104.3375

Harmonies

Analogous

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



56.7032, 60.6444, 64.2825



56.5236, 60.6444, 65.8532



56.6416, 60.6444, 67.4977

Triad

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



56.5236, 60.6444, 65.8532



58.1504, 60.6444, 68.9514



58.2590, 60.6444, 63.3685

Complementary

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



56.5236, 60.6444, 65.8532



56.4219, 58.1873, 63.5188

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.



58.6514, 60.6444, 64.5865



56.5236, 60.6444, 65.8532



58.5884, 60.6444, 67.8118

Square

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



56.5236, 60.6444, 65.8532



57.5784, 60.6444, 69.3042



58.7724, 60.6444, 66.2100



57.7030, 60.6444, 62.8634

Rectangle

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



56.5236, 60.6444, 65.8532



56.8737, 60.6444, 68.4116



58.7724, 60.6444, 66.2100



58.4146, 60.6444, 63.7072

Sweetspot

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



56.5253, 60.6470, 65.8545



94.0008, 99.4727, 108.2390



56.4964, 60.7003, 62.7723



20.1311, 21.2968, 23.1746



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.



56.5253, 60.6470, 65.8545



90.9302, 97.9300, 106.2736



56.4315, 60.0723, 67.0165



11.9970, 12.9693, 14.0654



16.8808, 28.4976, 21.8553



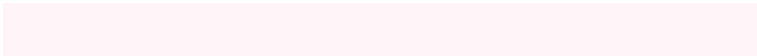
0.9026, 1.4828, 1.2944

Inverse Universe

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



56.4219, 58.1873, 63.5188



90.7314, 93.2037, 101.7856



56.5115, 58.7412, 62.3934



11.9665, 12.2443, 13.3770



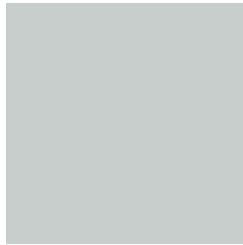
16.1950, 8.2886, 3.4796



0.8686, 0.4409, 0.3542

Previews

White Background



This preview shows how the XYZ color 56.5236, 60.6444, 65.8532 looks on a white background.

Color Contrast Check

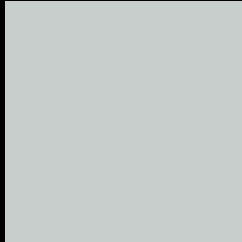
Large Text (above 18pt) WCAG AA × Fail

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 56.5236, 60.6444, 65.8532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

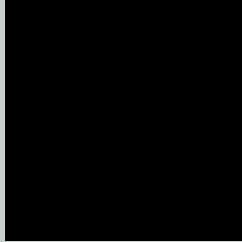
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

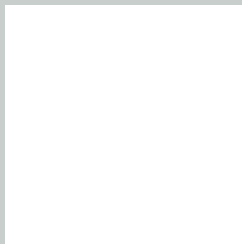
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5236, 60.6444, 65.8532

Background



This preview shows how black text looks on a background with the XYZ color 56.5236, 60.6444, 65.8532.



This preview shows how white text looks on a background with the XYZ color 56.5236, 60.6444,

65.8532.

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

56.5236, 60.6444, 65.8532

Protanopia

58.0290, 60.3860, 64.4743

Deuteranopia

61.7661, 60.5324, 66.8210



Tritanopia

58.8683, 60.9096, 76.3642

Trichromacy



Original Color

56.5236, 60.6444, 65.8532

Protanomaly

57.5492, 60.4767, 65.1399

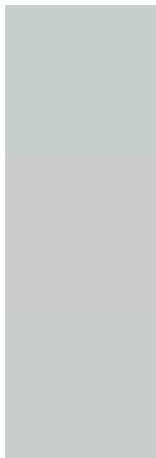
Deuteranomaly

59.6376, 60.4772, 66.2876

Tritanomaly

58.0563, 60.9352, 72.3201

Monochromacy



Original Color

56.5236, 60.6444, 65.8532

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.0875, 60.5788, 65.8108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5236, 60.6444, 65.8532 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(199, 206, 204) looks like.

```
.text, #text, p{  
    color:rgb(199, 206, 204)  
}
```

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(199, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 206, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.5236, 60.6444, 65.8532 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(199, 206, 204) }
```


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

```
.border{ border-color:rgb(199, 206, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 206, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 206,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5236, 60.6444, 65.8532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 206, 204) }
```

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

```
.background{ background-color: rgb(199,  
206, 204) }
```

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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