

Converting Colors

XYZ(52.9750, 57.1684, 60.3479)

Have a look what the booklet for
XYZ(52.9750, 57.1684, 60.3479)
contains.

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Color

**XYZ(53.0986, 57.2281,
60.4721)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C9C4
RGB	194, 201, 196
RGB Percent	76%, 79%, 77%
CMY	0.2392, 0.2117, 0.2314
CMYK	0.03, 0.00, 0.02, 0.21
HSL	137°, 6%, 77%
HSV	137°, 3%, 79%
XYZ	53.0986, 57.2281, 60.4721
YIQ	198.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

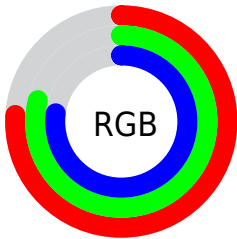
Format	Color
RYB	194, 199, 201
Decimal	12765636
CIELab	80.31, -3.32, 1.65
CIELCh	80, 3.708, 153.574
Yxy	57.2281, 0.3109, 0.3351
Android (android.graphics.Color)	4290955716 (0xFFC2C9C4)
YUV	198.3370, -1.1521, -3.8035
Hunter-Lab	75.6493, -7.0961, 5.5596

Details

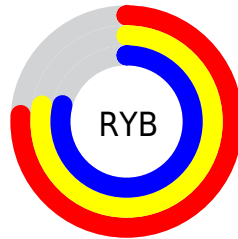
The XYZ color **53.0986, 57.2281, 60.4721** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6901, 55.1261, 61.8463**, and the grayscale version is **53.8908, 56.6973, 61.7433**.

A 20% lighter version of the original color is **92.9140, 98.9358, 107.1279**, and **26.1314, 28.3959, 29.6949** is the 20% darker color. If you saturate the color by 10%, you get **46.7277, 54.1253, 52.0463**, and if you desaturate by 10%, it is **60.3270, 60.7581, 69.7571**.

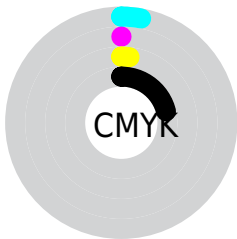
Distribution



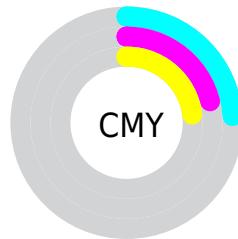
- Red (76%)
- Green (79%)
- Blue (77%)



- Red (76%)
- Yellow (78%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0986, 57.2281, 60.4721 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 53.0986, 57.2281, 60.4721 by changing the saturation by 10% instead.

■ 53.0986, 57.2281,
60.4721

■ 53.0986, 57.2281,
60.4721

388.9180,
414.3035, 444.1886

■ 38.1093, 41.1884,
43.3715

■ 93.9141, 100.7979,
107.0643

■ 26.2451, 28.4663,
29.8431

120.4710,
129.0969, 137.3929

■ 17.1407, 18.6775,
19.4685

151.6145,
162.2510, 172.9680

■ 10.4308, 11.4375,
11.8291

187.7099,
200.6447, 214.2080

■ 5.7500, 6.3619,
6.5063

229.1226,
244.6624, 261.5315

■ 2.7329, 3.0664,
3.0816

276.2179,

■ 1.0141, 1.1665,

294.6885, 315.3571

1.1364

329.3613,
351.1074, 376.1033

■ 0.0000, 0.0341,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0986, 57.2281,
60.4721

■ 53.0986, 57.2281,
60.4721

■ 46.7277, 54.1253,
52.0463

■ 60.3270, 60.7581,
69.7571

■ 41.1773, 51.4263,
44.4517

■ 68.4386, 64.7232,
79.9210

■ 36.4148, 49.1165,
37.6640

■ 77.4638, 69.1403,
90.9874

■ 32.4034, 47.1773,
31.6565

■ 79.9278, 70.1555,
102.6268

■ 29.1034, 45.5890,
26.4011

■ 80.1777, 70.2554,
103.9426

■ 26.4715, 44.3298,
21.8677

■ 24.4591, 43.3754,
18.0245

■ 23.0110, 42.6979,
14.8370

■ 22.0611, 42.2641,
12.2676

Harmonies

Analogous

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



53.5914, 57.2281, 58.8976



53.0986, 57.2281, 60.4721



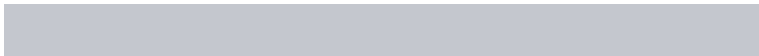
52.9516, 57.2281, 62.5723

Triad

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



53.0986, 57.2281, 60.4721



54.4845, 57.2281, 66.5719



55.6172, 57.2281, 60.0313

Complementary

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



53.0986, 57.2281, 60.4721



53.6901, 55.1261, 61.8463

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.



55.8615, 57.2281, 62.0518



53.0986, 57.2281, 60.4721



55.2037, 57.2281, 65.8551

Square

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



53.0986, 57.2281, 60.4721



53.7474, 57.2281, 66.1255



55.7095, 57.2281, 64.1882



55.0449, 57.2281, 58.6474

Rectangle

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



53.0986, 57.2281, 60.4721



53.0684, 57.2281, 63.9963



55.7095, 57.2281, 64.1882



55.7406, 57.2281, 60.6569

Sweetspot

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



53.1002, 57.2305, 60.4734



93.8261, 99.4028, 107.3189



54.1841, 57.8154, 59.3435



20.0955, 21.2826, 22.9874



0.0000, 0.0000, 0.0000



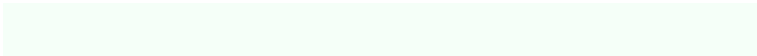
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1002, 57.2305, 60.4734



90.2452, 97.6560, 102.6667



53.5017, 57.3912, 62.5877



11.2764, 12.2568, 12.8131



13.6379, 26.4675, 7.0379



0.6777, 1.2660, 0.5014

Inverse Universe

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



53.6901, 55.1261, 61.8463



91.4164, 93.4777, 105.3926



53.2899, 54.9660, 59.7387



11.4462, 11.6511, 13.2083



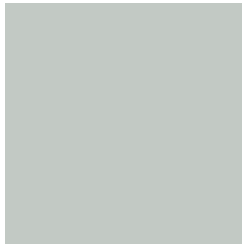
18.3322, 9.0825, 17.4913



0.8981, 0.4421, 0.9865

Previews

White Background



This preview shows how the XYZ color 53.0986, 57.2281, 60.4721 looks on a white background.

Color Contrast Check

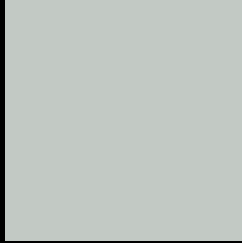
Large Text (above 18pt) WCAG AA × Fail

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 53.0986, 57.2281, 60.4721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

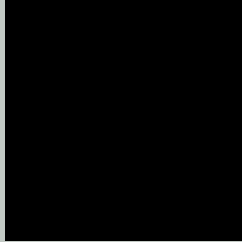
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

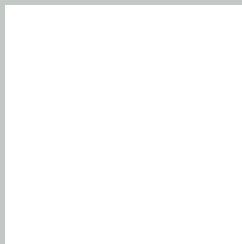
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0986, 57.2281, 60.4721

Background



This preview shows how black text looks on a background with the XYZ color 53.0986, 57.2281, 60.4721.



This preview shows how white text looks on a background with the XYZ color 53.0986, 57.2281, 60.4721.

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

53.0986, 57.2281, 60.4721

Protanopia

54.8335, 57.1206, 59.1743

Deuteranopia

58.4764, 57.2772, 61.3996



Tritanopia

55.3576, 57.1135, 71.7247

Trichromacy



Original Color

53.0986, 57.2281, 60.4721

Protanomaly

54.0932, 57.0663, 59.7936

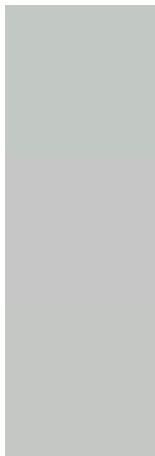
Deuteranomaly

56.3963, 57.2127, 60.8941

Tritanomaly

54.4509, 57.0876, 67.1806

Monochromacy



Original Color

53.0986, 57.2281, 60.4721

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5274, 56.7484, 60.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0986, 57.2281, 60.4721 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(194, 201, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 196)  
}
```

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(194, 201, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.0986, 57.2281, 60.4721 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(194, 201, 196) }
```


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

```
.border{ border-color:rgb(194, 201, 196) }
```

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

Here you see how a box with a 4 pixel rgb(194, 201, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 196);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0986, 57.2281, 60.4721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 196) }
```

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

```
.background{ background-color: rgb(194,  
201, 196) }
```

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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