

Converting Colors

XYZ(53.7145, 57.9001, 63.0771)

Have a look what the booklet for
XYZ(53.7145, 57.9001, 63.0771)
contains.

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Color

**XYZ(53.5382, 57.7486,
62.9684)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CAC8
RGB	193, 202, 200
RGB Percent	76%, 79%, 78%
CMY	0.2431, 0.2078, 0.2157
CMYK	0.04, 0.00, 0.01, 0.21
HSL	167°, 8%, 77%
HSV	167°, 4%, 79%
XYZ	53.5382, 57.7486, 62.9684
YIQ	199.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

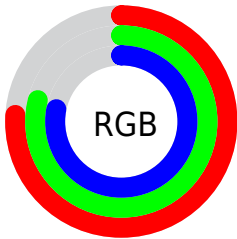
Format	Color
RYB	193, 198, 202
Decimal	12700360
CIELab	80.60, -3.44, -0.08
CIELCh	81, 3.443, 181.322
Yxy	57.7486, 0.3072, 0.3314
Android (android.graphics.Color)	4290890440 (0xFFC1CAC8)
YUV	199.0810, 0.4531, -5.3330
Hunter-Lab	75.9925, -7.2301, 4.0663

Details

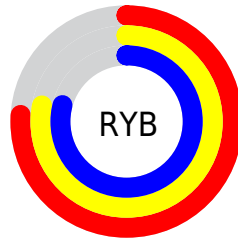
The XYZ color **53.5382, 57.7486, 62.9684** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2796, 54.6382, 59.3707**, and the grayscale version is **54.3364, 57.1661, 62.2539**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **26.4257, 28.7441, 31.3495** is the 20% darker color. If you saturate the color by 10%, you get **48.2190, 55.0679, 60.0185**, and if you desaturate by 10%, it is **59.5795, 60.8030, 66.0351**.

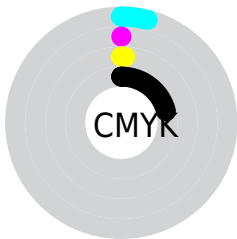
Distribution



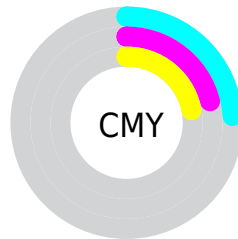
- Red (76%)
- Green (79%)
- Blue (78%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5382, 57.7486, 62.9684 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 53.5382, 57.7486, 62.9684 by changing the saturation by 10% instead.

■ 53.5382, 57.7486,
62.9684

■ 53.5382, 57.7486,
62.9684

390.5737,
416.2485, 453.5596

■ 38.4618, 41.6066,
45.3748

■ 94.5567, 101.5567,
110.7091

■ 26.5201, 28.7934,
31.4077

121.2296,
129.9915, 141.6932

■ 17.3479, 18.9246,
20.6484

152.4986,
163.2927, 177.9779

■ 10.5797, 11.6158,
12.6785

188.7291,
201.8447, 219.9818

■ 5.8501, 6.4826,
7.0794

230.2865,
246.0319, 268.1234

■ 2.7940, 3.1407,
3.4326

277.5362,

■ 1.0458, 1.2056,

296.2387, 322.8212

1.3196

330.8435,
352.8494, 384.4937

■ 0.0000, 0.0663,
0.0777

■ 0.0000, 0.0000,
0.0000

■ 53.5382, 57.7486,
62.9684

■ 53.5382, 57.7486,
62.9684

■ 48.2190, 55.0679,
60.0185

■ 59.5795, 60.8030,
66.0351

■ 43.5886, 52.7388,
57.1796

■ 66.3649, 64.2376,
69.2167

■ 39.6181, 50.7483,
54.4508

■ 73.9214, 68.0680,
72.5164

■ 36.2750, 49.0794,
51.8299

■ 75.0138, 68.5641,
75.5962

■ 33.5238, 47.7139,
49.3146

■ 75.6101, 68.8026,
78.7361

■ 31.3252, 46.6316,
46.9023

■ 76.2224, 69.0475,
81.9606

■ 29.6355, 45.8099,
44.5901

■ 76.8509, 69.2989,
85.2704

■ 28.4036, 45.2227,
42.3751

■ 77.4958, 69.5569,
88.6661

■ 27.5681, 44.8380,
40.2535

■ 78.1571, 69.8214,
92.1484

Harmonies

Analogous

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



53.7023, 57.7486, 61.0254



53.5382, 57.7486, 62.9684



53.7333, 57.7486, 64.9276

Triad

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



53.5382, 57.7486, 62.9684



55.5992, 57.7486, 66.2690



55.5444, 57.7486, 59.5187

Complementary

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



53.5382, 57.7486, 62.9684



53.2796, 54.6382, 59.3707

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.



56.0598, 57.7486, 60.8728



53.5382, 57.7486, 62.9684



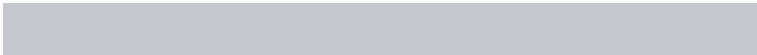
56.0917, 57.7486, 64.7685

Square

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



53.5382, 57.7486, 62.9684



54.9197, 57.7486, 66.8583



56.2609, 57.7486, 62.7885



54.8569, 57.7486, 59.0597

Rectangle

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



53.5382, 57.7486, 62.9684



54.0417, 57.7486, 65.9723



56.2609, 57.7486, 62.7885



55.7437, 57.7486, 59.8828

Sweetspot

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



53.5398, 57.7511, 62.9697



94.0268, 99.4831, 108.3760



53.2796, 57.7093, 58.7839



20.1364, 21.2989, 23.2025



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.



53.5398, 57.7511, 62.9697



90.0604, 97.4801, 106.2999



53.2166, 56.7274, 64.0246



11.8939, 12.9155, 14.0853



17.5447, 28.7632, 25.3511



0.9322, 1.4947, 1.4503

Inverse Universe

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



53.2796, 54.6382, 59.3707



89.5613, 91.5111, 99.3987



53.5896, 55.6183, 58.3640



11.8204, 12.0362, 13.0687



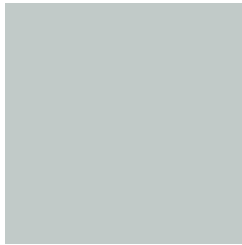
16.0056, 8.2128, 2.4820



0.8552, 0.4355, 0.2834

Previews

White Background



This preview shows how the XYZ color 53.5382, 57.7486, 62.9684 looks on a white background.

Color Contrast Check

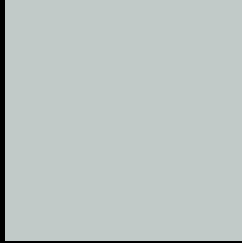
Large Text (above 18pt) WCAG AA × Fail

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 53.5382, 57.7486, 62.9684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

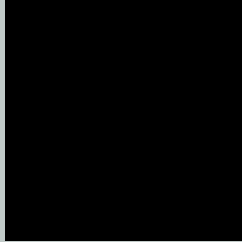
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

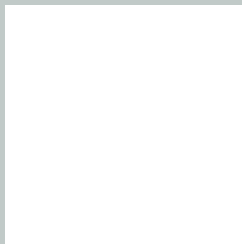
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5382, 57.7486, 62.9684

Background



This preview shows how black text looks on a background with the XYZ color 53.5382, 57.7486, 62.9684.



This preview shows how white text looks on a background with the XYZ color 53.5382, 57.7486,

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

53.5382, 57.7486, 62.9684

Protanopia

55.5183, 57.7614, 61.6490

Deuteranopia

58.8659, 57.7533, 63.9220



Tritanopia

55.4257, 57.8170, 72.5285

Trichromacy



Original Color

53.5382, 57.7486, 62.9684

Protanomaly

54.7825, 57.7114, 62.2849

Deuteranomaly

56.8034, 57.7049, 63.4026

Tritanomaly

54.7676, 57.8958, 69.2612

Monochromacy



Original Color

53.5382, 57.7486, 62.9684

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9890, 57.3024, 62.2478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5382, 57.7486, 62.9684 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(193, 202, 200)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 200)  
}
```

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(193, 202, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.5382, 57.7486, 62.9684 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(193, 202, 200) }
```


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

```
.border{ border-color:rgb(193, 202, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 200);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5382, 57.7486, 62.9684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 200) }
```

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

```
.background{ background-color: rgb(193,  
202, 200) }
```

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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