

Converting Colors

XYZ(53.8502, 57.2125, 62.7812)

Have a look what the booklet for
XYZ(53.8502, 57.2125, 62.7812)
contains.

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Color

**XYZ(53.8446, 57.2144,
62.8492)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C8C8
RGB	196, 200, 200
RGB Percent	77%, 78%, 78%
CMY	0.2314, 0.2157, 0.2157
CMYK	0.02, 0.00, 0.00, 0.22
HSL	180°, 4%, 78%
HSV	180°, 2%, 78%
XYZ	53.8446, 57.2144, 62.8492
YIQ	198.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

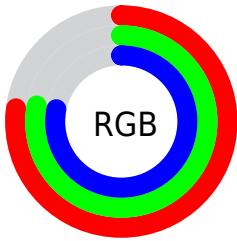
Format	Color
RYB	196, 198, 200
Decimal	12896456
CIELab	80.30, -1.37, -0.49
CIElCh	80, 1.453, 199.680
Yxy	57.2144, 0.3096, 0.3290
Android (android.graphics.Color)	4291086536 (0xFFC4C8C8)
YUV	198.8040, 0.5896, -2.4591
Hunter-Lab	75.6402, -5.3048, 3.6843

Details

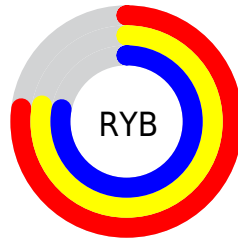
The XYZ color **53.8446, 57.2144, 62.8492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5253, 55.7464, 60.1664**, and the grayscale version is **54.1652, 56.9860, 62.0578**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **26.6225, 28.3839, 31.2696** is the 20% darker color. If you saturate the color by 10%, you get **48.9838, 54.7104, 62.6136**, and if you desaturate by 10%, it is **59.4021, 60.0808, 63.1197**.

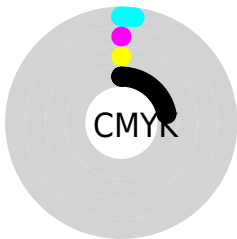
Distribution



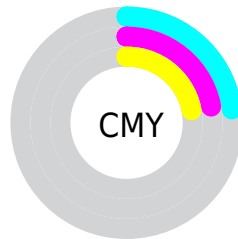
- Red (77%)
- Green (78%)
- Blue (78%)



- Red (77%)
- Yellow (78%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8446, 57.2144, 62.8492 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 53.8446, 57.2144, 62.8492 by changing the saturation by 10% instead.

■ 53.8446, 57.2144,
62.8492

■ 53.8446, 57.2144,
62.8492

391.7252,
414.2522, 453.1149

■ 38.7076, 41.1774,
45.2790

95.0043, 100.7780,
110.5354

■ 26.7120, 28.4577,
31.3327

121.7577,
129.0733, 141.4885

■ 17.4925, 18.6710,
20.5917

153.1139,
162.2236, 177.7396

■ 10.6838, 11.4328,
12.6376

189.4383,
200.6131, 219.7073

■ 5.9203, 6.3587,
7.0517

231.0963,
244.6264, 267.8102

■ 2.8369, 3.0644,
3.4155

278.4532,

■ 1.0681, 1.1655,

294.6477, 322.4667

1.3105

331.8744,
351.0615, 384.0954

■ 0.0000, 0.0332,
0.0704

■ 0.0000, 0.0000,
0.0000

■ 53.8446, 57.2144,
62.8492

■ 53.8446, 57.2144,
62.8492

■ 48.9838, 54.7104,
62.6136

■ 59.4021, 60.0808,
63.1197

■ 44.7877, 52.5474,
62.4080

■ 65.6773, 63.3156,
63.4227

■ 41.2289, 50.7130,
62.2322

■ 72.3262, 66.7430,
63.7431

■ 38.2762, 49.1910,
62.0847

■ 72.3279, 66.7437,
63.7525

35.8958, 47.9641,
61.9640

72.3297, 66.7444,
63.7618

34.0506, 47.0131,
61.8684

72.3315, 66.7451,
63.7712

32.6992, 46.3166,
61.7959

72.3333, 66.7458,
63.7805

31.7941, 45.8502,
61.7443

72.3350, 66.7465,
63.7899

31.2785, 45.5846,
61.7109

72.3368, 66.7473,
63.7993

Harmonies

Analogous

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



53.8206, 57.2144, 62.0042



53.8446, 57.2144, 62.8492



54.0119, 57.2144, 63.5521

Triad

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



53.8446, 57.2144, 62.8492



54.8172, 57.2144, 63.3611



54.4829, 57.2144, 60.7014

Complementary

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



53.8446, 57.2144, 62.8492



53.5253, 55.7464, 60.1664

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.



54.7509, 57.2144, 61.0580



53.8446, 57.2144, 62.8492



54.9444, 57.2144, 62.5902

Square

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



53.8446, 57.2144, 62.8492



54.5731, 57.2144, 63.8495



54.9201, 57.2144, 61.7476



54.1885, 57.2144, 60.7694

Rectangle

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



53.8446, 57.2144, 62.8492



54.1825, 57.2144, 63.8432



54.9201, 57.2144, 61.7476



54.5791, 57.2144, 60.7755

Sweetspot

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



53.8462, 57.2168, 62.8505



94.1177, 99.5194, 108.8547



53.4021, 57.0412, 60.4210



20.1549, 21.3063, 23.2999



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.



53.8462, 57.2168, 62.8505



93.1979, 99.0453, 108.8101



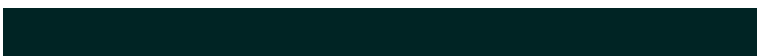
53.4013, 56.3264, 62.7039



11.7573, 12.4854, 13.7074



19.7504, 28.9125, 39.2258



0.9353, 1.3691, 1.8579

Inverse Universe

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



53.5253, 55.7464, 60.1664



92.6348, 96.4652, 104.1007



53.9642, 56.6247, 60.3110



11.6916, 12.1846, 13.1583



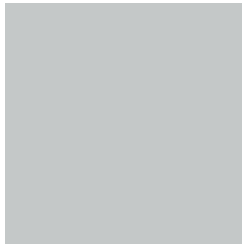
15.1459, 7.8079, 0.7124



0.7173, 0.3698, 0.0343

Previews

White Background



This preview shows how the XYZ color 53.8446, 57.2144, 62.8492 looks on a white background.

Color Contrast Check

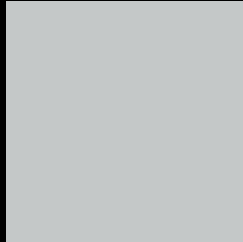
Large Text (above 18pt) WCAG AA × Fail

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 53.8446, 57.2144, 62.8492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

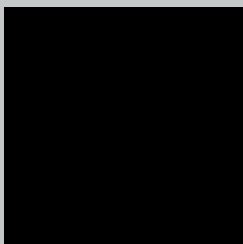
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

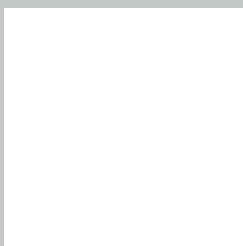
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8446, 57.2144, 62.8492

Background



This preview shows how black text looks on a background with the XYZ color 53.8446, 57.2144, 62.8492.

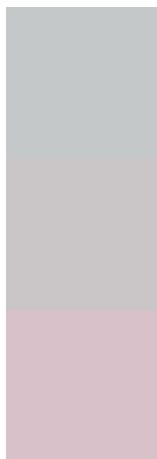


This preview shows how white text looks on a background with the XYZ color 53.8446, 57.2144,

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

53.8446, 57.2144, 62.8492

Protanopia

54.8600, 57.0682, 62.1567

Deuteranopia

58.2279, 57.1087, 63.2125



Tritanopia

55.6204, 57.2490, 71.7370

Trichromacy



Original Color

53.8446, 57.2144, 62.8492

Protanomaly

54.5516, 57.2497, 62.2080

Deuteranomaly

56.5770, 57.2522, 63.3272

Tritanomaly

54.9580, 57.3206, 68.4890

Monochromacy



Original Color

53.8446, 57.2144, 62.8492

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0209, 56.9761, 62.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8446, 57.2144, 62.8492 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(196, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 200, 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(196, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.8446, 57.2144, 62.8492 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(196, 200, 200) }
```


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

```
.border{ border-color:rgb(196, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8446, 57.2144, 62.8492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 200) }
```

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

```
.background{ background-color: rgb(196,  
200, 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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