

Converting Colors

XYZ(51.4900, 54.7264, 56.9918)

Have a look what the booklet for
XYZ(51.4900, 54.7264, 56.9918)
contains.

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Color

**XYZ(51.6496, 54.8435,
57.1539)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C4BF
RGB	195, 196, 191
RGB Percent	76%, 77%, 75%
CMY	0.2353, 0.2314, 0.2510
CMYK	0.01, 0.00, 0.03, 0.23
HSL	72°, 4%, 76%
HSV	72°, 3%, 77%
XYZ	51.6496, 54.8435, 57.1539
YIQ	195.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

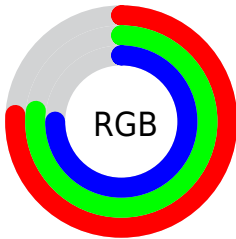
Format	Color
RYB	191, 196, 192
Decimal	12829887
CIELab	78.95, -1.25, 2.37
CIElCh	79, 2.685, 117.826
Yxy	54.8435, 0.3156, 0.3351
Android (android.graphics.Color)	4291019967 (0xFFC3C4BF)
YUV	195.1310, -2.0366, -0.1149
Hunter-Lab	74.0564, -5.1064, 6.0817

Details

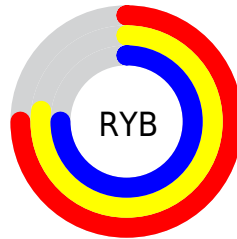
The XYZ color **51.6496, 54.8435, 57.1539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3349, 52.4551, 59.6992**, and the grayscale version is **51.9625, 54.6685, 59.5340**.

A 20% lighter version of the original color is **92.0587, 97.6614, 101.9942**, and **25.2450, 26.8437, 27.8956** is the 20% darker color. If you saturate the color by 10%, you get **48.6337, 53.5231, 46.4965**, and if you desaturate by 10%, it is **54.9840, 56.2979, 69.3353**.

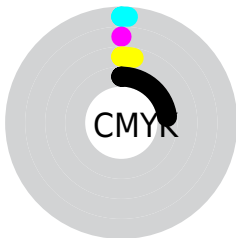
Distribution



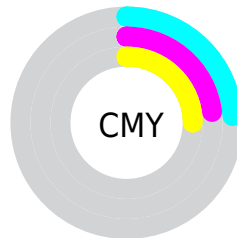
- Red (76%)
- Green (77%)
- Blue (75%)



- Red (75%)
- Yellow (77%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6496, 54.8435, 57.1539 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 51.6496, 54.8435, 57.1539 by changing the saturation by 10% instead.

■ 51.6496, 54.8435,
57.1539

■ 51.6496, 54.8435,
57.1539

383.4286,
405.3184, 431.5356

■ 36.9490, 39.2764,
40.7186

■ 91.7916, 97.3116,
102.1923

■ 25.3415, 26.9748,
27.7813

117.9636,
124.9815, 131.6325

■ 16.4617, 17.5543,
17.9232

148.6902,
157.4544, 166.2447

■ 9.9444, 10.6305,
10.7260

184.3367,
195.1147, 206.4475

■ 5.4241, 5.8190,
5.7711

225.2684,
238.3469, 252.6595

■ 2.5355, 2.7353,
2.6398

271.8507,

■ 0.9132, 0.9952,

287.5353, 305.2992

0.9129

324.4490,
343.0644, 364.7850

■ 0.0000, 0.0000,
0.0000

■ 51.6496, 54.8435,
57.1539

■ 51.6496, 54.8435,
57.1539

■ 48.6337, 53.5231,
46.4965

■ 54.9840, 56.2979,
69.3353

■ 45.9202, 52.3250,
37.2997

■ 58.6433, 57.8836,
83.0939

■ 43.4982, 51.2465,
29.5006

■ 62.6393, 59.6071,
98.4844

■ 41.3545, 50.2824,
23.0307

■ 64.5753, 60.5097,
102.8838

■ 39.4748, 49.4268,
17.8155

■ 65.7132, 61.0963,
102.9371

■ 37.8432, 48.6735,
13.7733

■ 66.8787, 61.6972,
102.9916

■ 36.4423, 48.0154,
10.8124

■ 68.0722, 62.3125,
103.0475

■ 35.2519, 47.4444,
8.8281

■ 69.2938, 62.9422,
103.1046

■ 34.2478, 46.9508,
7.6944

■ 70.5437, 63.5866,
103.1631

Harmonies

Analogous

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



52.1660, 54.8435, 56.8266



51.6496, 54.8435, 57.1539



51.2634, 54.8435, 58.1641

Triad

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



51.6496, 54.8435, 57.1539



51.5826, 54.8435, 62.2373



53.1592, 54.8435, 59.8268

Complementary

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



51.6496, 54.8435, 57.1539



50.3349, 52.4551, 59.6992

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.



53.0005, 54.8435, 61.2938



51.6496, 54.8435, 57.1539



52.0882, 54.8435, 62.7002

Square

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



51.6496, 54.8435, 57.1539



51.2249, 54.8435, 61.0975



52.6075, 54.8435, 62.3520



53.0398, 54.8435, 58.3540

Rectangle

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



51.6496, 54.8435, 57.1539



51.1305, 54.8435, 59.0977



52.6075, 54.8435, 62.3520



53.1366, 54.8435, 60.3371

Sweetspot

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



51.6511, 54.8459, 57.1551



94.4542, 99.7400, 106.7433



51.0204, 53.1982, 56.8703



20.2234, 21.3512, 22.8702



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.



51.6511, 54.8459, 57.1551



93.2805, 99.2273, 102.5155



51.0108, 54.5157, 57.1251



11.0791, 11.8151, 12.0581



21.6519, 29.9908, 4.6476



0.9870, 1.3224, 0.2032

Inverse Universe

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



50.3349, 52.4551, 59.6992



90.4434, 94.0742, 107.9990



50.9731, 52.7841, 59.7291



10.6652, 11.0633, 12.8581



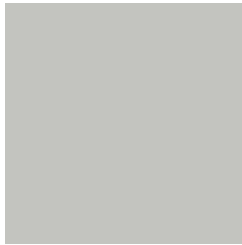
7.0045, 2.8714, 33.7417



0.3598, 0.1535, 1.4606

Previews

White Background



This preview shows how the XYZ color 51.6496, 54.8435, 57.1539 looks on a white background.

Color Contrast Check

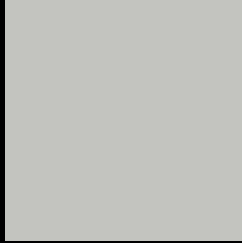
Large Text (above 18pt) WCAG AA × Fail

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 51.6496, 54.8435, 57.1539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

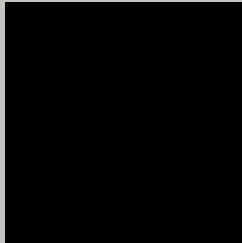
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

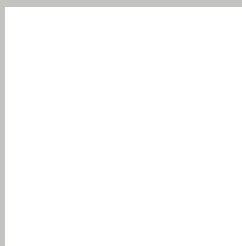
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6496, 54.8435, 57.1539

Background



This preview shows how black text looks on a background with the XYZ color 51.6496, 54.8435, 57.1539.



This preview shows how white text looks on a background with the XYZ color 51.6496, 54.8435,

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

51.6496, 54.8435, 57.1539

Protanopia

52.4055, 54.5806, 56.4882

Deuteranopia

55.7364, 54.6480, 57.4797



Tritanopia

53.8673, 54.7491, 68.0501

Trichromacy



Original Color

51.6496, 54.8435, 57.1539

Protanomaly

52.0981, 54.7537, 56.5379

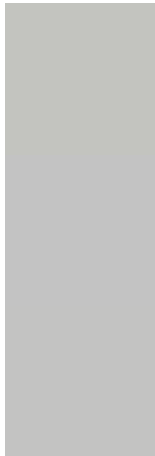
Deuteranomaly

54.3765, 54.9149, 57.6029

Tritanomaly

52.9784, 54.7182, 63.6465

Monochromacy



Original Color

51.6496, 54.8435, 57.1539

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7584, 54.5274, 58.8358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6496, 54.8435, 57.1539 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(195, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 191)  
}
```

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(195, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 191) }
```

Border

The CSS property to change the border of an element to XYZ 51.6496, 54.8435, 57.1539 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(195, 196, 191) }
```


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

```
.border{ border-color:rgb(195, 196, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6496, 54.8435, 57.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 191) }
```

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

```
.background{ background-color: rgb(195,  
196, 191) }
```

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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