

Converting Colors

XYZ(52.0815, 57.6094, 51.2497)

Have a look what the booklet for
XYZ(52.0815, 57.6094, 51.2497)
contains.

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Color

**XYZ(51.9983, 57.5686,
51.0191)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CBB3
RGB	195, 203, 179
RGB Percent	76%, 80%, 70%
CMY	0.2353, 0.2039, 0.2980
CMYK	0.04, 0.00, 0.12, 0.20
HSL	80°, 19%, 75%
HSV	80°, 12%, 80%
XYZ	51.9983, 57.5686, 51.0191
YIQ	197.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

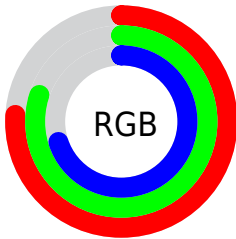
Format	Color
RYB	179, 203, 187
Decimal	12831667
CIELab	80.50, -7.01, 11.03
CIELCh	80, 13.072, 122.414
Yxy	57.5686, 0.3238, 0.3585
Android (android.graphics.Color)	4291021747 (0xFFC3CBB3)
YUV	197.8720, -9.3039, -2.5187
Hunter-Lab	75.8740, -10.4490, 13.2441

Details

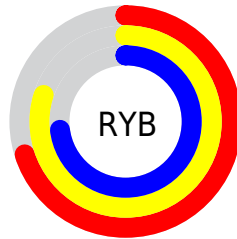
The XYZ color **51.9983, 57.5686, 51.0191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3953, 47.1183, 63.0996**, and the grayscale version is **53.6535, 56.4477, 61.4715**.

A 20% lighter version of the original color is **90.9003, 98.2136, 92.7634**, and **25.4978, 28.6640, 23.9275** is the 20% darker color. If you saturate the color by 10%, you get **48.3854, 55.9278, 40.9101**, and if you desaturate by 10%, it is **55.9960, 59.3762, 62.7264**.

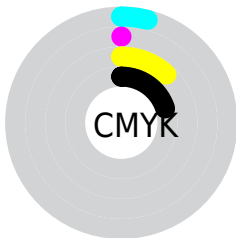
Distribution



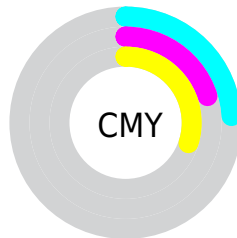
- Red (76%)
- Green (80%)
- Blue (70%)



- Red (70%)
- Yellow (80%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9983, 57.5686, 51.0191 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 51.9983, 57.5686, 51.0191 by changing the saturation by 10% instead.

■ 51.9983, 57.5686,
51.0191

■ 51.9983, 57.5686,
51.0191

384.7541,
415.5765, 407.4867

■ 37.2280, 41.4619,
35.8470

■ 92.3030, 101.2944,
93.0948

■ 25.5585, 28.6802,
24.0273

118.5680,
129.6823, 120.8354

■ 16.6246, 18.8390,
15.1415

149.3954,
162.9327, 153.6027

■ 10.0609, 11.5540,
8.7710

185.1504,
201.4300, 191.8151

■ 5.5019, 6.4408,
4.4974

226.1984,
245.5587, 235.8911

■ 2.5824, 3.1149,
1.9020

272.9048,

■ 0.9370, 1.1920,

295.7031, 286.2494

0.4940

325.6349,
352.2475, 343.3084

■ 0.0000, 0.0552,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.9983, 57.5686,
51.0191

■ 51.9983, 57.5686,
51.0191

■ 48.3854, 55.9278,
40.9101

■ 55.9960, 59.3762,
62.7264

■ 45.1384, 54.4405,
32.3262

■ 60.3870, 61.3486,
76.0932

■ 42.2436, 53.1031,
25.1942

■ 65.1858, 63.4934,
91.1824

■ 39.6847, 51.9088,
19.4336

■ 69.5550, 65.4759,
103.5799

■ 37.4437, 50.8503,
14.9556

■ 71.6712, 66.5669,
103.6790

■ 35.5007, 49.9195,
11.6613

■ 73.8716, 67.7012,
103.7819

■ 33.8331, 49.1073,
9.4374

■ 76.1571, 68.8795,
103.8889

■ 32.4139, 48.4028,
8.1482

■ 78.5288, 70.1021,
103.9999

■ 31.3993, 47.8911,
7.5890

■ 80.6471, 71.1941,
104.0990

Harmonies

Analogous

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



54.5002, 57.5686, 49.0498



51.9983, 57.5686, 51.0191



50.2711, 57.5686, 56.0868

Triad

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



51.9983, 57.5686, 51.0191



52.3629, 57.5686, 76.7100



60.0349, 57.5686, 62.0621

Complementary

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



51.9983, 57.5686, 51.0191



47.3953, 47.1183, 63.0996

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.



59.4180, 57.5686, 69.7759



51.9983, 57.5686, 51.0191



54.9348, 57.5686, 78.6324

Square

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



51.9983, 57.5686, 51.0191



50.4768, 57.5686, 70.9401



57.5293, 57.5686, 76.0002



59.1887, 57.5686, 55.0918

Rectangle

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



51.9983, 57.5686, 51.0191



49.7613, 57.5686, 60.7522



57.5293, 57.5686, 76.0002



59.9917, 57.5686, 64.6531

Sweetspot

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



51.9999, 57.5711, 51.0203



92.2107, 98.7210, 100.4212



50.5376, 51.4937, 49.9244



19.6252, 21.0800, 21.1639



0.0000, 0.0000, 0.0000



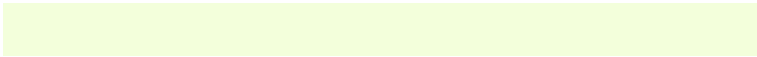
20.3446, 21.4041, 23.3091

Same Dimension

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



51.9999, 57.5711, 51.0203



85.5810, 95.7221, 81.1907



49.0229, 56.0364, 50.8810



11.7763, 12.9021, 11.9491



20.0813, 30.5276, 4.8340



1.1144, 1.6153, 0.2531

Inverse Universe

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



47.3953, 47.1183, 63.0996



76.4807, 75.0626, 105.0653



50.4548, 48.6956, 63.2428



10.9484, 11.0227, 14.1209



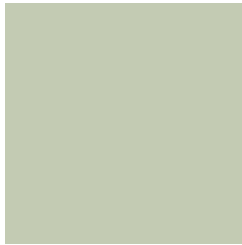
8.4503, 3.5638, 36.1988



0.5163, 0.2253, 1.8712

Previews

White Background



This preview shows how the XYZ color 51.9983, 57.5686, 51.0191 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 51.9983, 57.5686, 51.0191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

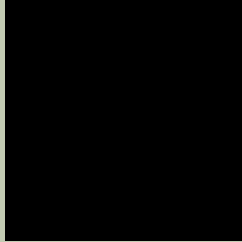
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

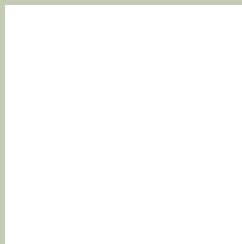
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9983, 57.5686, 51.0191

Background



This preview shows how black text looks on a background with the XYZ color 51.9983, 57.5686, 51.0191.



This preview shows how white text looks on a background with the XYZ color 51.9983, 57.5686,

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

51.9983, 57.5686, 51.0191

Protanopia

54.3717, 57.4311, 49.8146

Deuteranopia

58.5542, 57.2042, 51.6714



Tritanopia

56.1511, 57.5226, 71.7618

Trichromacy



Original Color

51.9983, 57.5686, 51.0191

Protanomaly

53.3188, 57.2194, 50.3537

Deuteranomaly

56.0025, 57.2222, 51.2734

Tritanomaly

54.4856, 57.5314, 63.4913

Monochromacy



Original Color

51.9983, 57.5686, 51.0191

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0842, 56.9405, 57.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9983, 57.5686, 51.0191 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, 203, 179)` looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 179)  
}
```

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, 203, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 179) }
```

Border

The CSS property to change the border of an element to XYZ 51.9983, 57.5686, 51.0191 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, 203, 179) }
```


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

```
.border{ border-color:rgb(195, 203, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 179);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9983, 57.5686, 51.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 203, 179) }
```

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

```
.background{ background-color: rgb(195,  
203, 179) }
```

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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