

Converting Colors

XYZ(51.6623, 56.0131, 50.8067)

Have a look what the booklet for
XYZ(51.6623, 56.0131, 50.8067)
contains.

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Color

**XYZ(51.5861, 55.9718,
50.7326)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C7B3
RGB	197, 199, 179
RGB Percent	77%, 78%, 70%
CMY	0.2274, 0.2196, 0.2980
CMYK	0.01, 0.00, 0.10, 0.22
HSL	66°, 15%, 74%
HSV	66°, 10%, 78%
XYZ	51.5861, 55.9718, 50.7326
YIQ	196.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

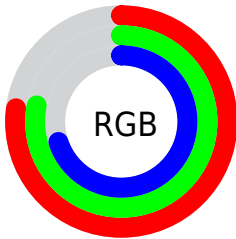
Format	Color
RYB	179, 199, 181
Decimal	12961715
CIELab	79.60, -4.21, 9.77
CIELCh	80, 10.641, 113.296
Yxy	55.9718, 0.3259, 0.3536
Android (android.graphics.Color)	4291151795 (0xFFC5C7B3)
YUV	196.1220, -8.4411, 0.7700
Hunter-Lab	74.8143, -7.8454, 12.1647

Details

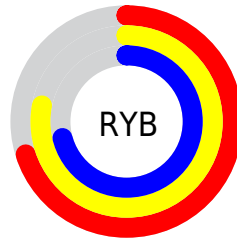
The XYZ color **51.5861, 55.9718, 50.7326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4870, 46.1889, 60.5537**, and the grayscale version is **52.5907, 55.3295, 60.2538**.

A 20% lighter version of the original color is **91.6284, 98.5890, 92.7975**, and **25.2190, 27.5968, 23.7362** is the 20% darker color. If you saturate the color by 10%, you get **49.1990, 54.9589, 40.8620**, and if you desaturate by 10%, it is **54.2737, 57.1094, 62.1359**.

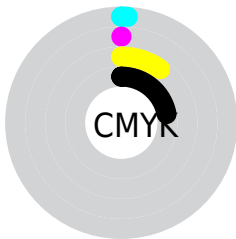
Distribution



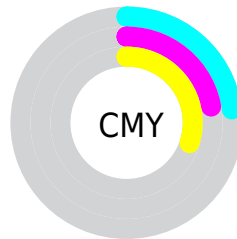
- Red (77%)
- Green (78%)
- Blue (70%)



- Red (70%)
- Yellow (78%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5861, 55.9718, 50.7326 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 51.5861, 55.9718, 50.7326 by changing the saturation by 10% instead.


 51.5861, 55.9718,
50.7326

 51.5861, 55.9718,
50.7326


383.1869,
409.5852, 406.3408

 36.8982, 40.1803,
35.6206


 91.6984, 98.9633,
92.6668

 25.3020, 27.6792,
23.8539


117.8535,
126.9322, 120.3262

 16.4321, 18.0839,
15.0141


148.5617,
159.7290, 153.0050

 9.9232, 11.0103,
8.6826

184.1884,
197.7380, 191.1219

 5.4100, 6.0737,
4.4407

225.0989,
241.3438, 235.0954

 2.5270, 2.8900,
1.8701

271.6586,

 0.9089, 1.0746,

290.9306, 285.3440

0.4736

324.2328,
346.8830, 342.2863

■ 0.0000, 0.0000,
0.0000

■ 51.5861, 55.9718,
50.7326

■ 51.5861, 55.9718,
50.7326

■ 49.1990, 54.9589,
40.8620

■ 54.2737, 57.1094,
62.1359

■ 47.0954, 54.0584,
32.4551

■ 57.2688, 58.3689,
75.1295

■ 45.2636, 53.2673,
25.4434

■ 60.5841, 59.7573,
89.7727

■ 43.6890, 52.5800,
19.7511

■ 63.6443, 61.0445,
103.0361

■ 42.3561, 51.9900,
15.2954

■ 64.1976, 61.3298,
103.0620

■ 41.2472, 51.4905,
11.9843

■ 64.7579, 61.6186,
103.0882

■ 40.3423, 51.0734,
9.7126

■ 65.3253, 61.9111,
103.1148

■ 39.6179, 50.7292,
8.3561

■ 65.8998, 62.2073,
103.1417

■ 39.0316, 50.4413,
7.6790

■ 66.4814, 62.5071,
103.1689

Harmonies

Analogous

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



53.6821, 55.9718, 49.9564



51.5861, 55.9718, 50.7326



49.9631, 55.9718, 54.1577

Triad

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



51.5861, 55.9718, 50.7326



50.7740, 55.9718, 70.9055



57.3987, 55.9718, 62.3321

Complementary

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



51.5861, 55.9718, 50.7326



45.4870, 46.1889, 60.5537

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.



56.5728, 55.9718, 68.2742



51.5861, 55.9718, 50.7326



52.7199, 55.9718, 73.4345

Square

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



51.5861, 55.9718, 50.7326



49.5031, 55.9718, 65.7322



54.8462, 55.9718, 72.4407



57.0755, 55.9718, 56.3937

Rectangle

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



51.5861, 55.9718, 50.7326



49.3488, 55.9718, 57.6137



54.8462, 55.9718, 72.4407



57.2456, 55.9718, 64.3997

Sweetspot

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



51.5876, 55.9742, 50.7338



93.5612, 99.3720, 102.5286



48.2155, 48.4460, 49.4584



19.9426, 21.2345, 21.5901



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.



51.5876, 55.9742, 50.7338



89.3902, 97.6069, 84.9344



49.0556, 54.6689, 50.6153



11.4152, 12.3610, 11.3470



25.1391, 32.4550, 4.9395



1.2214, 1.5527, 0.2353

Inverse Universe

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



45.4870, 46.1889, 60.5537



76.6387, 77.1532, 105.4605



47.9165, 47.4414, 60.6673



10.1536, 10.3375, 13.3777



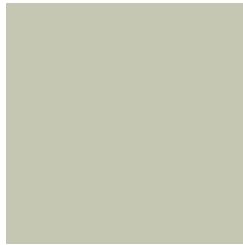
6.8484, 2.7648, 34.9171



0.3586, 0.1486, 1.6549

Previews

White Background



This preview shows how the XYZ color 51.5861, 55.9718, 50.7326 looks on a white background.

Color Contrast Check

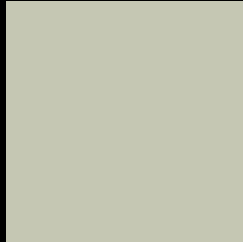
Large Text (above 18pt) WCAG AA × Fail

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 51.5861, 55.9718, 50.7326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

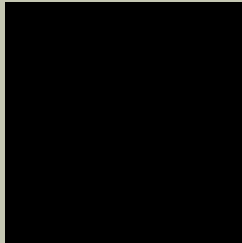
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

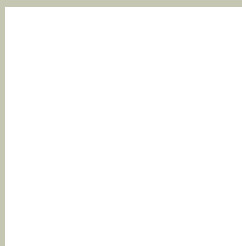
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5861, 55.9718, 50.7326

Background



This preview shows how black text looks on a background with the XYZ color 51.5861, 55.9718, 50.7326.



This preview shows how white text looks on a background with the XYZ color 51.5861, 55.9718,

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

51.5861, 55.9718, 50.7326

Protanopia

52.9526, 55.6733, 50.0746

Deuteranopia

56.8781, 55.6927, 51.4680



Tritanopia

55.2354, 56.1009, 68.8901

Trichromacy



Original Color

51.5861, 55.9718, 50.7326

Protanomaly

52.3593, 55.7034, 50.1117

Deuteranomaly

54.7488, 55.5813, 51.0227

Tritanomaly

53.8681, 55.8827, 61.9801

Monochromacy



Original Color

51.5861, 55.9718, 50.7326

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0255, 55.3860, 56.6637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5861, 55.9718, 50.7326 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(197, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 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(197, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 179) }
```

Border

The CSS property to change the border of an element to XYZ 51.5861, 55.9718, 50.7326 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(197, 199, 179) }
```


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

```
.border{ border-color:rgb(197, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5861, 55.9718, 50.7326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 179) }
```

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

```
.background{ background-color: rgb(197,  
199, 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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