

Converting Colors

XYZ(51.5005, 55.7296, 49.3444)

Have a look what the booklet for
XYZ(51.5005, 55.7296, 49.3444)
contains.

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Color

**XYZ(51.3193, 55.5285,
49.0876)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C6B0
RGB	198, 198, 176
RGB Percent	78%, 78%, 69%
CMY	0.2235, 0.2235, 0.3098
CMYK	0.00, 0.00, 0.11, 0.22
HSL	60°, 16%, 73%
HSV	60°, 11%, 78%
XYZ	51.3193, 55.5285, 49.0876
YIQ	195.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

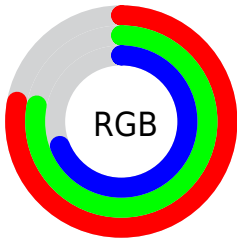
Format	Color
RYB	176, 198, 176
Decimal	13026992
CIELab	79.34, -3.82, 11.03
CIELCh	79, 11.675, 109.109
Yxy	55.5285, 0.3291, 0.3561
Android (android.graphics.Color)	4291217072 (0xFFC6C6B0)
YUV	195.4920, -9.6096, 2.1995
Hunter-Lab	74.5174, -7.4747, 13.1055

Details

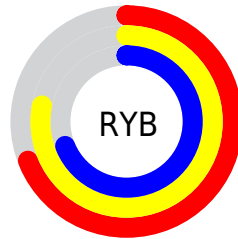
The XYZ color **51.3193, 55.5285, 49.0876** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6250, 44.3595, 59.6919**, and the grayscale version is **52.2192, 54.9387, 59.8282**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **25.0500, 27.3059, 22.6892** is the 20% darker color. If you saturate the color by 10%, you get **49.5011, 54.8029, 39.5109**, and if you desaturate by 10%, it is **53.4263, 56.3733, 60.1718**.

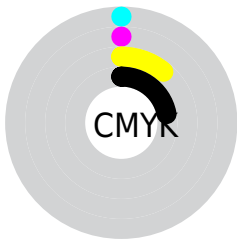
Distribution



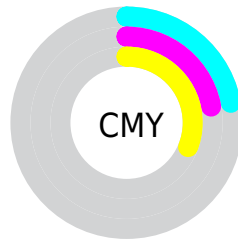
- Red (78%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3193, 55.5285, 49.0876 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 51.3193, 55.5285, 49.0876 by changing the saturation by 10% instead.

■ 51.3193, 55.5285,
49.0876

■ 51.3193, 55.5285,
49.0876

382.1703,
407.9122, 399.7195

■ 36.6849, 39.8250,
34.3229

■ 91.3068, 98.3149,
90.2039

■ 25.1361, 27.4021,
22.8624

117.3905,
126.1665, 117.3925

■ 16.3078, 17.8755,
14.2876

148.0214,
158.8364, 149.5596

■ 9.8344, 10.8606,
8.1799

183.5647,
196.7088, 187.1235

■ 5.3507, 5.9732,
4.1209

224.3860,
240.1682, 230.5029

■ 2.4914, 2.8288,
1.6919

270.8504,

■ 0.8909, 1.0430,

289.5990, 280.1164

0.3552

323.3234,
345.3855, 336.3824

■ 0.0000, 0.0000,
0.0000

■ 51.3193, 55.5285,
49.0876

■ 51.3193, 55.5285,
49.0876

■ 49.5011, 54.8029,
39.5109

■ 53.4263, 56.3733,
60.1718

■ 47.9549, 54.1844,
31.3733

■ 55.8293, 57.3345,
72.8209

■ 46.6689, 53.6699,
24.6062

■ 58.5405, 58.4191,
87.0935

■ 45.6290, 53.2538,
19.1345

■ 61.5377, 59.6181,
102.8718

■ 44.8193, 52.9298,
14.8753

■ 61.5386, 59.6186,
102.8718

■ 44.2223, 52.6909,
11.7365

■ 61.5395, 59.6190,
102.8719

■ 43.8182, 52.5292,
9.6129

■ 61.5404, 59.6195,
102.8719

■ 43.5830, 52.4350,
8.3791

■ 61.5413, 59.6199,
102.8720

■ 43.4763, 52.3922,
7.8213

■ 61.5422, 59.6204,
102.8720

Harmonies

Analogous

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



53.6326, 55.5285, 48.6729



51.3193, 55.5285, 49.0876



49.4504, 55.5285, 52.4144

Triad

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



51.3193, 55.5285, 49.0876



49.8881, 55.5285, 70.7315



57.3195, 55.5285, 62.9277

Complementary

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



51.3193, 55.5285, 49.0876



43.6250, 44.3595, 59.6919

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.



56.2520, 55.5285, 69.2919



51.3193, 55.5285, 49.0876



51.9329, 55.5285, 74.0137

Square

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



51.3193, 55.5285, 49.0876



48.6411, 55.5285, 64.7771



54.2644, 55.5285, 73.4682



57.1434, 55.5285, 56.3412

Rectangle

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



51.3193, 55.5285, 49.0876



48.6864, 55.5285, 55.9830



54.2644, 55.5285, 73.4682



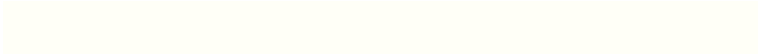
57.0930, 55.5285, 65.1719

Sweetspot

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



51.3208, 55.5309, 49.0888



93.8421, 99.5168, 102.5418



46.6523, 46.1924, 47.5323



20.0187, 21.2737, 21.5937



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.



51.3208, 55.5309, 49.0888



90.1626, 98.0448, 83.1743



48.5261, 54.0902, 48.9580



11.5238, 12.4169, 11.3521



28.2723, 34.0702, 5.0861



1.3388, 1.6133, 0.2408

Inverse Universe

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



43.6250, 44.3595, 59.6919



74.2114, 74.8897, 105.1515



46.2136, 45.6940, 59.8131



10.0569, 10.2876, 13.3731



6.6291, 2.6517, 34.9068



0.3139, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 51.3193, 55.5285, 49.0876 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 51.3193, 55.5285, 49.0876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

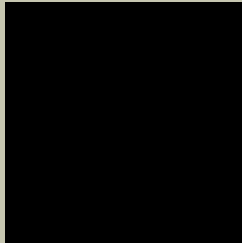
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

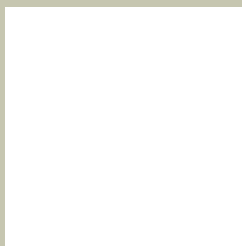
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3193, 55.5285, 49.0876

Background



This preview shows how black text looks on a background with the XYZ color 51.3193, 55.5285, 49.0876.



This preview shows how white text looks on a background with the XYZ color 51.3193, 55.5285,

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

51.3193, 55.5285, 49.0876

Protanopia

52.6546, 55.5541, 48.5053

Deuteranopia

56.3577, 55.1391, 49.7920



Tritanopia

55.2072, 55.4399, 68.1128

Trichromacy



Original Color

51.3193, 55.5285, 49.0876

Protanomaly

52.0612, 55.5842, 48.5423

Deuteranomaly

54.2260, 55.0197, 49.3568

Tritanomaly

53.6805, 55.4789, 60.7026

Monochromacy



Original Color

51.3193, 55.5285, 49.0876

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5820, 54.8465, 55.4447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3193, 55.5285, 49.0876 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(198, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 176)  
}
```

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(198, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 176) }
```

Border

The CSS property to change the border of an element to XYZ 51.3193, 55.5285, 49.0876 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(198, 198, 176) }
```


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

```
.border{ border-color:rgb(198, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3193, 55.5285, 49.0876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 176) }
```

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

```
.background{ background-color: rgb(198,  
198, 176) }
```

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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