

Converting Colors

XYZ(49.6093, 51.3256, 55.9908)

Have a look what the booklet for
XYZ(49.6093, 51.3256, 55.9908)
contains.

XYZ(49.5256, 51.1535, 55.9785)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.5256, 51.1535,
55.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BCBE
RGB	194, 188, 190
RGB Percent	76%, 74%, 75%
CMY	0.2392, 0.2627, 0.2549
CMYK	0.00, 0.03, 0.02, 0.24
HSL	340°, 5%, 75%
HSV	340°, 3%, 76%
XYZ	49.5256, 51.1535, 55.9785
YIQ	190.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

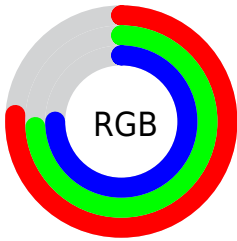
Format	Color
RYB	194, 188, 190
Decimal	12762302
CIELab	76.77, 2.47, -0.27
CIELCh	77, 2.482, 353.789
Yxy	51.1535, 0.3161, 0.3265
Android (android.graphics.Color)	4290952382 (0xFFC2BCBE)
YUV	190.0220, -0.0108, 3.4887
Hunter-Lab	71.5217, -1.5596, 3.6601

Details

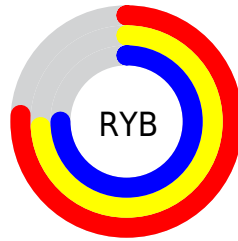
The XYZ color **49.5256, 51.1535, 55.9785** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5472, 53.0820, 57.5063**, and the grayscale version is **48.9563, 51.5059, 56.0899**.

A 20% lighter version of the original color is **88.4096, 91.6792, 100.2249**, and **23.9945, 24.7095, 27.1717** is the 20% darker color. If you saturate the color by 10%, you get **44.3048, 42.8753, 47.5673**, and if you desaturate by 10%, it is **55.4320, 60.6006, 65.2392**.

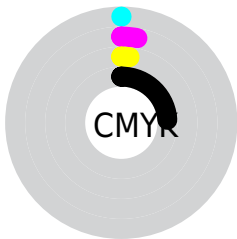
Distribution



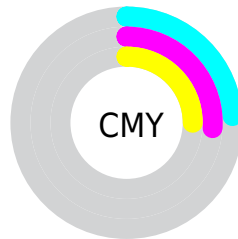
- Red (76%)
- Green (74%)
- Blue (75%)



- Red (76%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5256, 51.1535, 55.9785 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 49.5256, 51.1535, 55.9785 by changing the saturation by 10% instead.

■ 49.5256, 51.1535,
55.9785

■ 49.5256, 51.1535,
55.9785

375.2906,
391.1599, 426.9965

■ 35.2529, 36.3308,
39.7818

■ 88.6676, 91.8816,
100.4586

■ 24.0251, 24.6898,
27.0560

114.2676,
118.5558, 129.5791

■ 15.4771, 15.8461,
17.3825

144.3740,
149.9493, 163.8447

■ 9.2434, 9.4153,
10.3427

179.3523,
186.4465, 203.6737

■ 4.9587, 5.0130,
5.5182

219.5677,
228.4317, 249.4849

■ 2.2575, 2.2549,
2.4904

265.3857,

■ 0.7728, 0.7497,

276.2895, 301.6968

0.8351

317.1715,
330.4040, 360.7278

■ 0.0000, 0.0000,
0.0000

■ 49.5256, 51.1535,
55.9785

■ 49.5256, 51.1535,
55.9785

■ 44.3048, 42.8753,
47.5673

■ 55.4320, 60.6006,
65.2392

■ 39.7399, 35.7138,
39.9777

■ 62.0437, 71.2528,
75.3694

■ 35.8055, 29.6230,
33.1851

■ 69.3848, 83.1531,
86.3927

■ 32.4728, 24.5507,
27.1626

■ 74.0000, 89.3861,
97.1718

■ 29.7106, 20.4407,
21.8814

■ 76.0109, 90.1905,
107.7611

■ 27.4848, 17.2310,
17.3110

■ 76.0584, 90.2095,
108.0112

■ 25.7576, 14.8525,
13.4182

■ 24.4858, 13.2259,
10.1672

■ 23.6180, 12.2559,
7.5175

Harmonies

Analogous

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



49.3541, 51.1535, 57.2435



49.5256, 51.1535, 55.9785



49.4531, 51.1535, 54.6580

Triad

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



49.5256, 51.1535, 55.9785



48.2555, 51.1535, 53.3581



48.0869, 51.1535, 57.8161

Complementary

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



49.5256, 51.1535, 55.9785



49.5472, 53.0820, 57.5063

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.



47.7960, 51.1535, 56.7501



49.5256, 51.1535, 55.9785



47.8929, 51.1535, 54.1795

Square

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



49.5256, 51.1535, 55.9785



48.7179, 51.1535, 53.1590



47.7252, 51.1535, 55.4174



48.5220, 51.1535, 58.3155

Rectangle

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



49.5256, 51.1535, 55.9785



49.2765, 51.1535, 53.9221



47.7252, 51.1535, 55.4174



47.9691, 51.1535, 57.5113

Sweetspot

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



49.5270, 51.1557, 55.9796



91.8462, 96.0548, 104.7732



49.4608, 51.0703, 58.2903



20.1247, 21.0530, 22.9621



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.



49.5270, 51.1557, 55.9796



88.7558, 91.1299, 99.8708



49.5245, 51.4975, 54.9094



10.7565, 11.0019, 12.0684



15.2814, 7.8023, 4.1281



0.6926, 0.3501, 0.3488

Inverse Universe

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



49.5270, 51.1557, 55.9796



88.7558, 91.1299, 99.8708



49.5483, 52.7277, 58.6056



10.7565, 11.0019, 12.0684



15.2814, 7.8023, 4.1281



0.6926, 0.3501, 0.3488

Previews

White Background



This preview shows how the XYZ color 49.5256, 51.1535, 55.9785 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 49.5256, 51.1535, 55.9785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

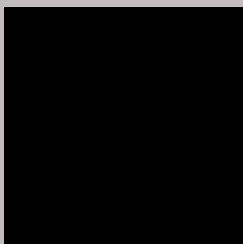
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

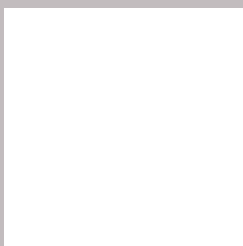
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5256, 51.1535, 55.9785

Background



This preview shows how black text looks on a background with the XYZ color 49.5256, 51.1535, 55.9785.

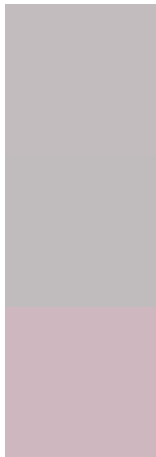


This preview shows how white text looks on a background with the XYZ color 49.5256, 51.1535,

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

49.5256, 51.1535, 55.9785

Protanopia

49.0157, 50.8906, 55.9547

Deuteranopia

52.0696, 50.8940, 56.3694



Tritanopia

50.8665, 51.0706, 62.4350

Trichromacy



Original Color

49.5256, 51.1535, 55.9785

Protanomaly

49.2698, 51.0216, 55.9666

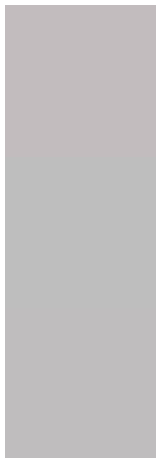
Deuteranomaly

51.1101, 51.0161, 56.4435

Tritanomaly

50.3540, 51.1740, 60.0469

Monochromacy



Original Color

49.5256, 51.1535, 55.9785

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.9777, 51.1893, 56.0143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5256, 51.1535, 55.9785 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(194, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 188, 190)  
}
```

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(194, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 190) }
```

Border

The CSS property to change the border of an element to XYZ 49.5256, 51.1535, 55.9785 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(194, 188, 190) }
```


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

```
.border{ border-color:rgb(194, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 188,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5256, 51.1535, 55.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 188, 190) }
```

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

```
.background{ background-color: rgb(194,  
188, 190) }
```

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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