

Converting Colors

XYZ(51.7754, 55.4602, 49.2794)

Have a look what the booklet for
XYZ(51.7754, 55.4602, 49.2794)
contains.

XYZ(51.6221, 55.3465, 49.0365)	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(51.6221, 55.3465,
49.0365)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C5B0
RGB	200, 197, 176
RGB Percent	78%, 77%, 69%
CMY	0.2157, 0.2274, 0.3098
CMYK	0.00, 0.01, 0.12, 0.22
HSL	53°, 18%, 74%
HSV	53°, 12%, 78%
XYZ	51.6221, 55.3465, 49.0365
YIQ	195.5030, 8.5290, -5.8950

Conversions

Conversions Part 2

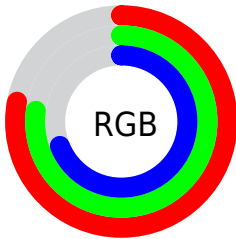
Format	Color
RYB	179, 200, 176
Decimal	13157808
CIELab	79.24, -2.57, 10.90
CIELCh	79, 11.204, 103.278
Yxy	55.3465, 0.3309, 0.3548
Android (android.graphics.Color)	4291347888 (0xFFC8C5B0)
YUV	195.5030, -9.6150, 3.9439
Hunter-Lab	74.3952, -6.3323, 12.9965

Details

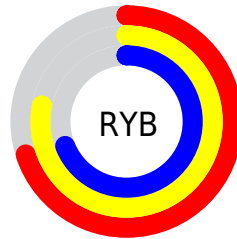
The XYZ color **51.6221, 55.3465, 49.0365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4497, 45.6394, 61.1104**, and the grayscale version is **52.2252, 54.9450, 59.8351**.

A 20% lighter version of the original color is **91.2473, 97.9698, 90.4447**, and **25.2517, 27.1860, 22.6554** is the 20% darker color. If you saturate the color by 10%, you get **49.2257, 53.4903, 39.1834**, and if you desaturate by 10%, it is **54.3225, 57.3430, 60.4307**.

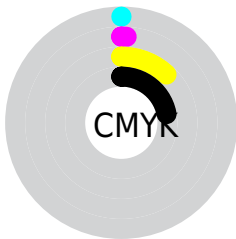
Distribution



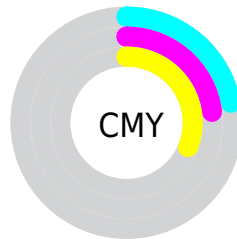
- Red (78%)
- Green (77%)
- Blue (69%)



- Red (70%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6221, 55.3465, 49.0365 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 51.6221, 55.3465, 49.0365 by changing the saturation by 10% instead.

■ 51.6221, 55.3465,
49.0365

■ 51.6221, 55.3465,
49.0365

383.3239,
407.2240, 399.5126

■ 36.9270, 39.6792,
34.2826

■ 91.7512, 98.0484,
90.1272

■ 25.3244, 27.2885,
22.8317

117.9159,
125.8519, 117.3011

■ 16.4489, 17.7900,
14.2651

148.6346,
158.4695, 149.4521

■ 9.9352, 10.7993,
8.1645

184.2725,
196.2857, 186.9988

■ 5.4180, 5.9321,
4.1111

225.1950,
239.6849, 230.3596

■ 2.5318, 2.8038,
1.6865

271.7675,

■ 0.9113, 1.0302,

289.0514, 279.9532

0.3514

324.3554,
344.7696, 336.1980

■ 0.0000, 0.0000,
0.0000

■ 51.6221, 55.3465,
49.0365

■ 51.6221, 55.3465,
49.0365

■ 49.2257, 53.4903,
39.1834

■ 54.3225, 57.3430,
60.4307

■ 47.1160, 51.7619,
30.8009

■ 57.3344, 59.4773,
73.4253

■ 45.2809, 50.1583,
23.8184

■ 60.6705, 61.7565,
88.0807

■ 43.7056, 48.6733,
18.1580

■ 64.1799, 64.1202,
103.6015

■ 42.3737, 47.3004,
13.7343

■ 64.7895, 65.3393,
103.8047

■ 41.2671, 46.0323,
10.4517

■ 65.4086, 66.5775,
104.0111

■ 40.3649, 44.8606,
8.2007

■ 66.0374, 67.8351,
104.2207

■ 39.6423, 43.7752,
6.8503

■ 66.6759, 69.1121,
104.4335

■ 39.1570, 42.9544,
6.2272

■ 67.3241, 70.4085,
104.6496

Harmonies

Analogous

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



53.8543, 55.3465, 49.2040



51.6221, 55.3465, 49.0365



49.7073, 55.3465, 51.7207

Triad

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



51.6221, 55.3465, 49.0365



49.5312, 55.3465, 69.1214



56.8391, 55.3465, 63.8825

Complementary

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



51.6221, 55.3465, 49.0365



44.4497, 45.6394, 61.1104

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.



55.6136, 55.3465, 69.6974



51.6221, 55.3465, 49.0365



51.3755, 55.3465, 72.8660

Square

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



51.6221, 55.3465, 49.0365



48.5234, 55.3465, 63.1408



53.6007, 55.3465, 73.0840



56.9097, 55.3465, 57.4739

Rectangle

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



51.6221, 55.3465, 49.0365



48.8509, 55.3465, 54.8844



53.6007, 55.3465, 73.0840



56.5470, 55.3465, 65.9819

Sweetspot

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



51.6236, 55.3489, 49.0377



93.0461, 98.5508, 100.3444



47.5023, 46.5936, 49.2445



19.8372, 21.0365, 21.1443



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.



51.6236, 55.3489, 49.0377



88.4207, 95.1003, 80.9210



50.0274, 55.5458, 49.1598



11.4066, 12.1823, 11.3130



24.9424, 27.4019, 3.9745



1.2135, 1.3625, 0.1990

Inverse Universe

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



44.4497, 45.6394, 61.1104



73.9438, 75.5067, 105.2847



45.9107, 45.5110, 61.0086



10.1616, 10.4973, 13.4081



6.8855, 3.1649, 34.9923



0.3622, 0.2223, 1.6690

Previews

White Background



This preview shows how the XYZ color 51.6221, 55.3465, 49.0365 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 51.6221, 55.3465, 49.0365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

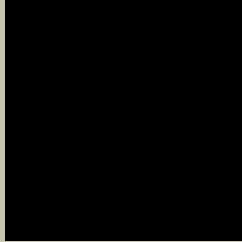
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

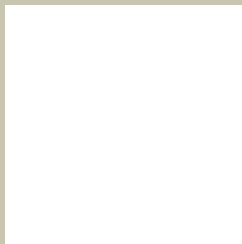
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6221, 55.3465, 49.0365

Background



This preview shows how black text looks on a background with the XYZ color 51.6221, 55.3465, 49.0365.



This preview shows how white text looks on a background with the XYZ color 51.6221, 55.3465,

49.0365.

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

51.6221, 55.3465, 49.0365

Protanopia

52.6546, 55.5541, 48.5053

Deuteranopia

56.3577, 55.1391, 49.7920



Tritanopia

55.1366, 55.0907, 67.4021

Trichromacy



Original Color

51.6221, 55.3465, 49.0365

Protanomaly

52.1064, 55.2715, 48.4796

Deuteranomaly

54.5170, 55.1697, 49.3704

Tritanomaly

53.8842, 55.2656, 60.0519

Monochromacy



Original Color

51.6221, 55.3465, 49.0365

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.9512, 55.0243, 56.0267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6221, 55.3465, 49.0365 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(200, 197, 176)` looks like.

```
.text, #text, p{  
    color:rgb(200, 197, 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(200, 197, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 197, 176) }
```

Border

The CSS property to change the border of an element to XYZ 51.6221, 55.3465, 49.0365 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(200, 197, 176) }
```


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

```
.border{ border-color:rgb(200, 197, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 197, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 197, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 197, 176);  
box-shadow:4px 4px 4px 4px rgb(200, 197,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6221, 55.3465, 49.0365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 197, 176) }
```

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

```
.background{ background-color: rgb(200,  
197, 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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