

Converting Colors

XYZ(51.5611, 55.8118, 48.6291)

Have a look what the booklet for
XYZ(51.5611, 55.8118, 48.6291)
contains.

XYZ(51.4851, 55.6254, 48.5807)	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(51.4851, 55.6254,
48.5807)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C6AF
RGB	199, 198, 175
RGB Percent	78%, 78%, 69%
CMY	0.2196, 0.2235, 0.3137
CMYK	0.00, 0.01, 0.12, 0.22
HSL	58°, 18%, 73%
HSV	58°, 12%, 78%
XYZ	51.4851, 55.6254, 48.5807
YIQ	195.6770, 7.9790, -6.9410

Conversions

Conversions Part 2

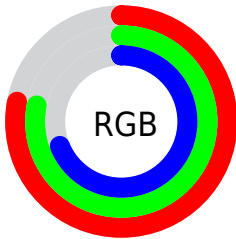
Format	Color
RYB	176, 199, 175
Decimal	13092527
CIELab	79.40, -3.62, 11.66
CIELCh	79, 12.207, 107.265
Yxy	55.6254, 0.3307, 0.3573
Android (android.graphics.Color)	4291282607 (0xFFC7C6AF)
YUV	195.6770, -10.1938, 2.9143
Hunter-Lab	74.5824, -7.2987, 13.5880

Details

The XYZ color **51.4851, 55.6254, 48.5807** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5133, 44.2873, 60.2882**, and the grayscale version is **52.3329, 55.0582, 59.9584**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **25.2255, 27.3963, 22.6974** is the 20% darker color. If you saturate the color by 10%, you get **49.4853, 54.5262, 38.9715**, and if you desaturate by 10%, it is **53.7770, 56.8468, 59.7097**.

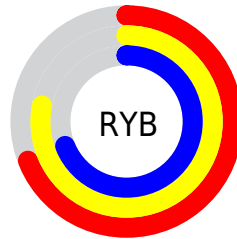
Distribution



Red (78%)

Green (78%)

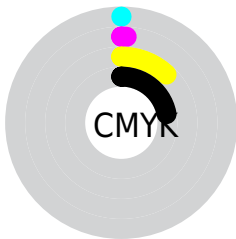
Blue (69%)



Red (69%)

Yellow (78%)

Blue (69%)

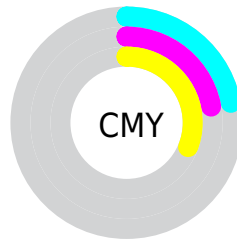


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4851, 55.6254, 48.5807 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 51.4851, 55.6254, 48.5807 by changing the saturation by 10% instead.

■ 51.4851, 55.6254,
48.5807

■ 51.4851, 55.6254,
48.5807

382.8023,
408.2783, 397.6642

■ 36.8174, 39.9027,
33.9237

■ 91.5502, 98.4567,
89.4429

■ 25.2392, 27.4627,
22.5581

117.6783,
126.3340, 116.4852

■ 16.3850, 17.9210,
14.0653

148.3572,
159.0316, 148.4931

■ 9.8896, 10.8933,
8.0269

183.9524,
196.9339, 185.8850

■ 5.3875, 5.9951,
4.0241

224.8291,
240.4254, 229.0795

■ 2.5135, 2.8421,
1.6386

271.3528,

■ 0.9020, 1.0499,

289.8903, 278.4952

0.3181

323.8887,
345.7131, 334.5506

■ 0.0000, 0.0000,
0.0000

■ 51.4851, 55.6254,
48.5807

■ 51.4851, 55.6254,
48.5807

■ 49.4853, 54.5262,
38.9715

■ 53.7770, 56.8468,
59.7097

■ 47.7605, 53.5367,
30.8125

■ 56.3684, 58.1878,
72.4169

■ 46.2989, 52.6542,
24.0338

■ 59.2718, 59.6553,
86.7623

■ 45.0857, 51.8727,
18.5585

■ 62.4977, 61.2534,
102.8012

■ 44.1049, 51.1858,
14.3022

■ 62.7552, 61.6658,
103.2029

■ 43.3387, 50.5863,
11.1704

■ 62.9496, 62.0547,
103.2677

■ 42.7664, 50.0661,
9.0549

■ 63.1451, 62.4456,
103.3328

■ 42.3635, 49.6152,
7.8264

■ 63.3416, 62.8386,
103.3983

■ 42.1284, 49.2923,
7.2940

■ 63.5391, 63.2337,
103.4642

Harmonies

Analogous

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



53.9150, 55.6254, 48.3429



51.4851, 55.6254, 48.5807



49.4868, 55.6254, 51.8691

Triad

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



51.4851, 55.6254, 48.5807



49.7391, 55.6254, 71.0208



57.5971, 55.6254, 63.5880

Complementary

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



51.4851, 55.6254, 48.5807



43.5133, 44.2873, 60.2882

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.



56.4046, 55.6254, 70.1858



51.4851, 55.6254, 48.5807



51.8392, 55.6254, 74.6945

Square

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



51.4851, 55.6254, 48.5807



48.5003, 55.6254, 64.6576



54.2801, 55.6254, 74.3777



57.4952, 55.6254, 56.6519

Rectangle

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



51.4851, 55.6254, 48.5807



48.6455, 55.6254, 55.5034



54.2801, 55.6254, 74.3777



57.3328, 55.6254, 65.9288

Sweetspot

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



51.4866, 55.6278, 48.5819



93.3160, 99.0906, 100.4343



46.7401, 45.9454, 47.5838



19.9057, 21.1737, 21.1672



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.



51.4866, 55.6278, 48.5819



89.3550, 96.9689, 81.2324



48.9502, 54.6593, 48.5286



11.4847, 12.3386, 11.3390



27.1058, 31.7288, 4.6956



1.2954, 1.5263, 0.2263

Inverse Universe

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



43.5133, 44.2873, 60.2882



73.1525, 73.9241, 105.0210



45.8406, 45.1984, 60.3413



10.0914, 10.3568, 13.3847



6.7023, 2.7985, 34.9313



0.3300, 0.1577, 1.6582

Previews

White Background



This preview shows how the XYZ color 51.4851, 55.6254, 48.5807 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 51.4851, 55.6254, 48.5807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

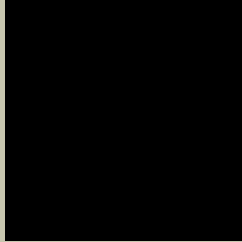
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

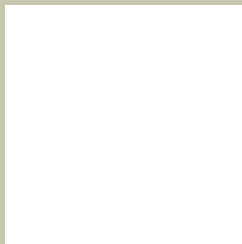
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4851, 55.6254, 48.5807

Background



This preview shows how black text looks on a background with the XYZ color 51.4851, 55.6254, 48.5807.



This preview shows how white text looks on a background with the XYZ color 51.4851, 55.6254,

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

51.4851, 55.6254, 48.5807

Protanopia

52.5567, 55.5150, 47.9898

Deuteranopia

56.7807, 55.6892, 49.3514



Tritanopia

55.3570, 55.5314, 67.4755

Trichromacy



Original Color

51.4851, 55.6254, 48.5807

Protanomaly

52.2348, 55.6850, 48.0396

Deuteranomaly

54.6380, 55.5707, 48.9208

Tritanomaly

53.8360, 55.5723, 60.1136

Monochromacy



Original Color

51.4851, 55.6254, 48.5807

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0693, 55.4337, 55.5324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4851, 55.6254, 48.5807 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(199, 198, 175)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 175)  
}
```

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(199, 198, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 175) }
```

Border

The CSS property to change the border of an element to XYZ 51.4851, 55.6254, 48.5807 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(199, 198, 175) }
```


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

```
.border{ border-color:rgb(199, 198, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 175);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4851, 55.6254, 48.5807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 175) }
```

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

```
.background{ background-color: rgb(199,  
198, 175) }
```

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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