

Converting Colors

XYZ(49.1211, 51.2758, 55.4524)

Have a look what the booklet for
XYZ(49.1211, 51.2758, 55.4524)
contains.

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Color

**XYZ(49.1211, 51.2758,
55.4524)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BDBD
RGB	192, 189, 189
RGB Percent	75%, 74%, 74%
CMY	0.2471, 0.2588, 0.2588
CMYK	0.00, 0.02, 0.02, 0.25
HSL	0°, 2%, 75%
HSV	0°, 2%, 75%
XYZ	49.1211, 51.2758, 55.4524
YIQ	189.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

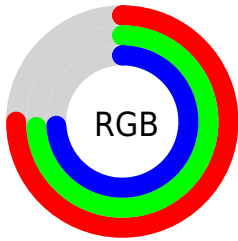
Format	Color
R _Y B	192, 189, 189
Decimal	12631485
CIE Lab	76.85, 1.05, 0.36
CIE LCh	77, 1.112, 19.020
Yxy	51.2758, 0.3152, 0.3290
Android (android.graphics.Color)	4290821565 (0xFFC0BDBD)
YUV	189.8970, -0.4422, 1.8443
Hunter-Lab	71.6071, -2.8649, 4.2109

Details

The XYZ color **49.1211, 51.2758, 55.4524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3503, 52.3230, 57.3681**, and the grayscale version is **48.8872, 51.4332, 56.0107**.

A 20% lighter version of the original color is **87.8452, 91.8538, 99.4858**, and **23.8956, 24.8749, 26.8344** is the 20% darker color. If you saturate the color by 10%, you get **43.3175, 42.7857, 43.9071**, and if you desaturate by 10%, it is **55.7491, 60.9718, 68.6350**.

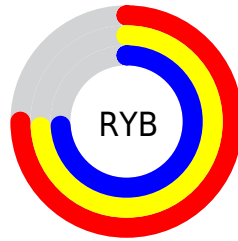
Distribution



Red (75%)

Green (74%)

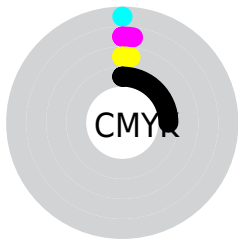
Blue (74%)



Red (75%)

Yellow (74%)

Blue (74%)

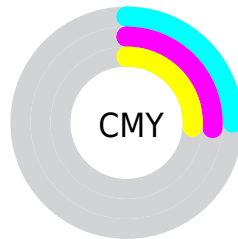


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1211, 51.2758, 55.4524 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 49.1211, 51.2758, 55.4524 by changing the saturation by 10% instead.

■ 49.1211, 51.2758,
55.4524

■ 49.1211, 51.2758,
55.4524

373.7279,
391.6344, 424.9547

■ 34.9305, 36.4281,
39.3630

■ 88.0709, 92.0623,
99.6813

■ 23.7756, 24.7650,
26.7322

113.5609,
118.7700, 128.6578

■ 15.2911, 15.9021,
17.1416

143.5479,
150.1998, 162.7672

■ 9.1116, 9.4549,
10.1725

178.3975,
186.7361, 202.4278

■ 4.8717, 5.0391,
5.4064

218.4749,
228.7633, 248.0584

■ 2.2062, 2.2702,
2.4247

264.1456,

■ 0.7460, 0.7579,

276.6658, 300.0774

0.7999

315.7748,
330.8280, 358.9033

■ 0.0000, 0.0000,
0.0000

■ 49.1211, 51.2758,
55.4524

■ 49.1211, 51.2758,
55.4524

■ 43.3175, 42.7857,
43.9071

■ 55.7491, 60.9718,
68.6350

■ 38.3020, 35.4479,
33.9320

■ 63.2273, 71.9113,
83.5118

■ 34.0419, 29.2150,
25.4604

■ 71.5860, 84.1383,
100.1411

■ 30.5006, 24.0334,
18.4193

■ 75.5485, 89.9466,
107.9873

■ 27.6385, 19.8452,
12.7299

■ 25.4121, 16.5869,
8.3057

■ 23.7731, 14.1877,
5.0500

■ 22.6659, 12.5666,
2.8524

■ 22.0247, 11.6271,
1.5815

Harmonies

Analogous

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



49.1359, 51.2758, 56.0525



49.1211, 51.2758, 55.4524



49.0029, 51.2758, 54.9571

Triad

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



49.1211, 51.2758, 55.4524



48.4301, 51.2758, 55.0713



48.6588, 51.2758, 56.9803

Complementary

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



49.1211, 51.2758, 55.4524



49.3503, 52.3230, 57.3681

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.



48.4702, 51.2758, 56.7134



49.1211, 51.2758, 55.4524



48.3385, 51.2758, 55.6094

Square

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



49.1211, 51.2758, 55.4524



48.6039, 51.2758, 54.7381



48.3531, 51.2758, 56.2106



48.8686, 51.2758, 56.9376

Rectangle

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



49.1211, 51.2758, 55.4524



48.8817, 51.2758, 54.7516



48.3531, 51.2758, 56.2106



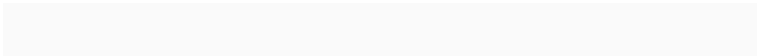
48.5908, 51.2758, 56.9238

Sweetspot

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



49.1225, 51.2780, 55.4535



90.7827, 95.5105, 104.0109



49.4509, 51.4082, 57.1862



19.4759, 20.4902, 22.3138



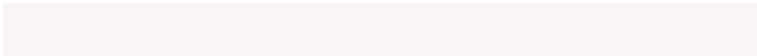
92.9021, 97.7402, 106.4391

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.1225, 51.2780, 55.4535



88.4794, 92.1410, 99.4294



49.4461, 51.9252, 55.5614



11.0719, 11.5394, 12.4612



14.6295, 7.5447, 0.6852



0.6324, 0.3266, 0.0297

Inverse Universe

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



49.3503, 52.3230, 57.3681



89.0144, 94.5963, 103.9276



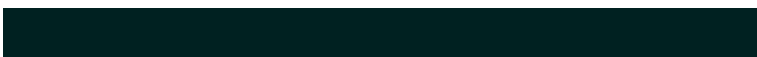
49.0233, 51.6692, 57.2591



11.1336, 11.8226, 12.9800



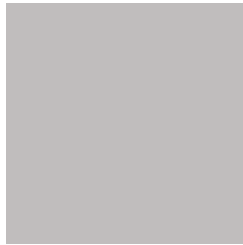
19.0547, 27.8659, 37.9310



0.8236, 1.2046, 1.6390

Previews

White Background



This preview shows how the XYZ color 49.1211, 51.2758, 55.4524 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 49.1211, 51.2758, 55.4524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

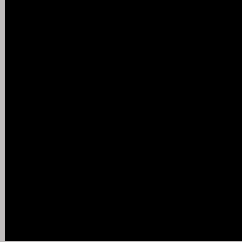
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

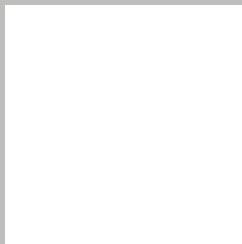
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1211, 51.2758, 55.4524

Background



This preview shows how black text looks on a background with the XYZ color 49.1211, 51.2758, 55.4524.

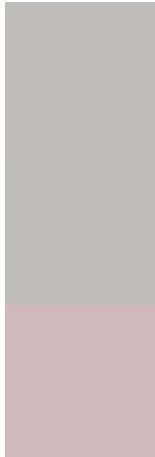


This preview shows how white text looks on a background with the XYZ color 49.1211, 51.2758,

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

49.1211, 51.2758, 55.4524

Protanopia

49.3752, 51.4068, 55.4643

Deuteranopia

52.4472, 51.4086, 55.8738



Tritanopia

50.6791, 51.2742, 63.1030

Trichromacy



Original Color

49.1211, 51.2758, 55.4524

Protanomaly

49.3752, 51.4068, 55.4643

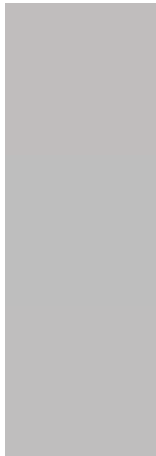
Deuteranomaly

51.2103, 51.3921, 55.9358

Tritanomaly

50.0536, 51.3351, 60.0939

Monochromacy



Original Color

49.1211, 51.2758, 55.4524

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.1936, 51.6210, 56.0863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1211, 51.2758, 55.4524 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(192, 189, 189) looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 189)  
}
```

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(192, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 189) }
```

Border

The CSS property to change the border of an element to XYZ 49.1211, 51.2758, 55.4524 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(192, 189, 189) }
```

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

```
.border{ border-color:rgb(192, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 189, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 189, 189); box-shadow:4px 4px 4px 4px rgb(192, 189, 189) }
```


Background

The CSS property to change the background color of an element to XYZ 49.1211, 51.2758, 55.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 189) }
```

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

```
.background{ background-color: rgb(192,  
189, 189) }
```

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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