

Converting Colors

XYZ(49.2179, 52.0469, 55.7892)

Have a look what the booklet for
XYZ(49.2179, 52.0469, 55.7892)
contains.

XYZ(49.0513, 51.8829, 55.5732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(49.0513, 51.8829,
55.5732)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBFBD
RGB	190, 191, 189
RGB Percent	75%, 75%, 74%
CMY	0.2549, 0.2510, 0.2588
CMYK	0.01, 0.00, 0.01, 0.25
HSL	90°, 2%, 75%
HSV	90°, 1%, 75%
XYZ	49.0513, 51.8829, 55.5732
YIQ	190.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

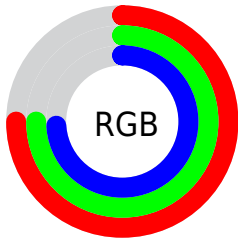
Format	Color
RYB	189, 191, 190
Decimal	12500925
CIELab	77.21, -0.71, 0.88
CIELCh	77, 1.129, 129.127
Yxy	51.8829, 0.3134, 0.3315
Android (android.graphics.Color)	4290691005 (0xFFBEBFBD)
YUV	190.4730, -0.7262, -0.4148
Hunter-Lab	72.0298, -4.4961, 4.6768

Details

The XYZ color **49.0513, 51.8829, 55.5732** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8388, 51.1053, 56.5832**, and the grayscale version is **49.2216, 51.7850, 56.3938**.

A 20% lighter version of the original color is **87.7482, 92.7069, 99.6556**, and **23.8489, 25.2729, 26.9137** is the 20% darker color. If you saturate the color by 10%, you get **44.8015, 49.9175, 45.2548**, and if you desaturate by 10%, it is **53.7340, 54.0429, 67.3394**.

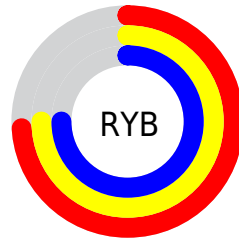
Distribution



Red (75%)

Green (75%)

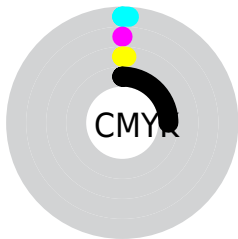
Blue (74%)



Red (74%)

Yellow (75%)

Blue (75%)

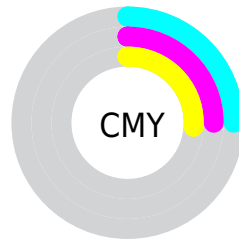


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0513, 51.8829, 55.5732 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 49.0513, 51.8829, 55.5732 by changing the saturation by 10% instead.

■ 49.0513, 51.8829,
55.5732

■ 49.0513, 51.8829,
55.5732

373.4578,
393.9844, 425.4241

■ 34.8749, 36.9117,
39.4591

■ 87.9679, 92.9585,
99.8598

■ 23.7326, 25.1392,
26.8065

113.4388,
119.8318, 128.8695

■ 15.2590, 16.1808,
17.1968

143.4052,
151.4412, 163.0147

■ 9.0889, 9.6522,
10.2115

178.2325,
188.1711, 202.7142

■ 4.8568, 5.1689,
5.4320

218.2861,
230.4060, 248.3863

■ 2.1974, 2.3467,
2.4397

263.9313,

■ 0.7413, 0.7983,

278.5303, 300.4496

0.8080

315.5334,
332.9283, 359.3227

■ 0.0000, 0.0000,
0.0000

■ 49.0513, 51.8829,
55.5732

■ 49.0513, 51.8829,
55.5732

■ 44.8015, 49.9175,
45.2548

■ 53.7340, 54.0429,
67.3394

■ 40.9667, 48.1343,
36.3249

■ 58.8583, 56.3962,
80.6029

■ 37.5340, 46.5293,
28.7251

■ 64.4378, 58.9505,
95.4149

■ 34.4881, 45.0962,
22.3915

■ 68.7636, 61.0224,
102.7620

■ 31.8127, 43.8278,
17.2551

■ 71.8886, 62.6334,
102.9083

■ 29.4900, 42.7169,
13.2401

■ 75.1843, 64.3324,
103.0625

■ 27.5004, 41.7551,
10.2621

■ 77.9218, 65.7437,
103.1906

■ 25.8222, 40.9333,
8.2249

■ 24.4297, 40.2408,
7.0140

Harmonies

Analogous

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



49.2472, 51.8829, 55.3244



49.0513, 51.8829, 55.5732



48.9258, 51.8829, 56.0686

Triad

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



49.0513, 51.8829, 55.5732



49.1652, 51.8829, 57.6113



49.7247, 51.8829, 56.3030

Complementary

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



49.0513, 51.8829, 55.5732



48.8388, 51.1053, 56.5832

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.



49.7025, 51.8829, 56.9169



49.0513, 51.8829, 55.5732



49.3791, 51.8829, 57.6752

Square

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



49.0513, 51.8829, 55.5732



48.9914, 51.8829, 57.2462



49.5759, 51.8829, 57.4202



49.6363, 51.8829, 55.7438

Rectangle

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



49.0513, 51.8829, 55.5732



48.8987, 51.8829, 56.4735



49.5759, 51.8829, 57.4202



49.7299, 51.8829, 56.5098

Sweetspot

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



49.0528, 51.8851, 55.5743



88.6918, 93.3107, 101.6153



49.0866, 51.5794, 55.5135



19.4759, 20.4902, 22.3138



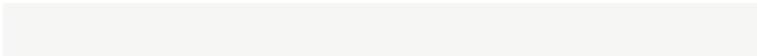
92.9021, 97.7402, 106.4391

Same Dimension

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



49.0528, 51.8851, 55.5743



87.8754, 92.9337, 99.5939



48.8039, 51.7568, 55.5627



10.6313, 11.2385, 12.0595



15.4602, 26.1459, 4.2318



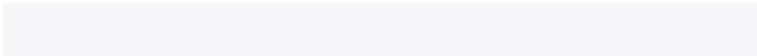
0.6811, 1.0631, 0.1693

Inverse Universe

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



48.8388, 51.1053, 56.5832



87.5042, 91.5809, 101.3440



49.0894, 51.2345, 56.5949



10.5900, 11.0880, 12.2543



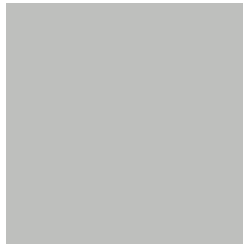
9.4211, 4.1428, 32.6960



0.4445, 0.2012, 1.2843

Previews

White Background



This preview shows how the XYZ color 49.0513, 51.8829, 55.5732 looks on a white background.

Color Contrast Check

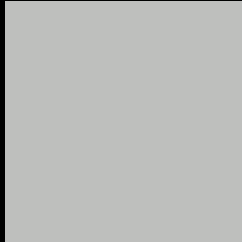
Large Text (above 18pt) WCAG AA × Fail

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 49.0513, 51.8829, 55.5732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

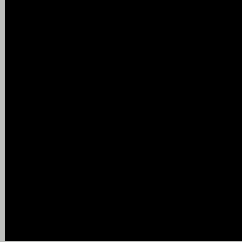
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

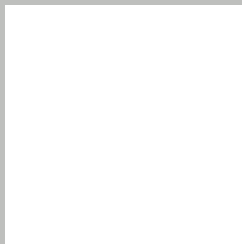
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0513, 51.8829, 55.5732

Background



This preview shows how black text looks on a background with the XYZ color 49.0513, 51.8829, 55.5732.

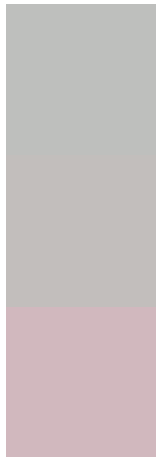


This preview shows how white text looks on a background with the XYZ color 49.0513, 51.8829,

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

49.0513, 51.8829, 55.5732

Protanopia

49.7387, 51.9271, 54.9784

Deuteranopia

52.7292, 51.5540, 55.8870



Tritanopia

50.8349, 51.9613, 64.4770

Trichromacy



Original Color

49.0513, 51.8829, 55.5732

Protanomaly

49.4829, 51.7952, 54.9664

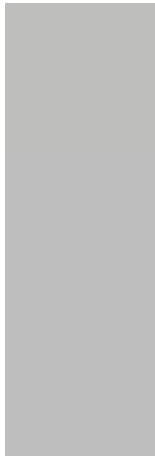
Deuteranomaly

51.4217, 51.8149, 56.0063

Tritanomaly

50.2081, 52.0268, 61.4288

Monochromacy



Original Color

49.0513, 51.8829, 55.5732

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.9429, 51.4918, 56.0745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0513, 51.8829, 55.5732 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(190, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 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(190, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 189) }
```

Border

The CSS property to change the border of an element to XYZ 49.0513, 51.8829, 55.5732 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(190, 191, 189) }
```

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

```
.border{ border-color:rgb(190, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
189) }
```


Background

The CSS property to change the background color of an element to XYZ 49.0513, 51.8829, 55.5732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 189) }
```

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

```
.background{ background-color: rgb(190,  
191, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor