

Converting Colors

XYZ(46.1790, 50.0812, 55.3207)

Have a look what the booklet for
XYZ(46.1790, 50.0812, 55.3207)
contains.

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Color

**XYZ(46.1892, 50.0847,
55.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BEBD
RGB	179, 190, 189
RGB Percent	70%, 75%, 74%
CMY	0.2980, 0.2549, 0.2588
CMYK	0.06, 0.00, 0.01, 0.25
HSL	175°, 8%, 72%
HSV	175°, 6%, 75%
XYZ	46.1892, 50.0847, 55.3770
YIQ	186.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

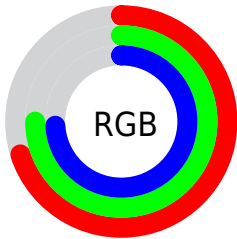
Format	Color
R _Y B	179, 185, 190
Decimal	11779773
CIE Lab	76.12, -3.97, -0.81
CIE LCh	76, 4.056, 191.585
Yxy	50.0847, 0.3046, 0.3303
Android (android.graphics.Color)	4289969853 (0xFFB3BEBD)
YUV	186.5970, 1.1847, -6.6626
Hunter-Lab	70.7705, -7.3484, 3.1458

Details

The XYZ color **46.1892, 50.0847, 55.3770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5954, 46.4841, 49.7516**, and the grayscale version is **47.0044, 49.4523, 53.8535**.

A 20% lighter version of the original color is **83.6981, 90.1663, 99.3787**, and **21.9938, 24.1045, 26.7860** is the 20% darker color. If you saturate the color by 10%, you get **41.9104, 47.9019, 54.2022**, and if you desaturate by 10%, it is **51.0783, 52.5846, 56.5941**.

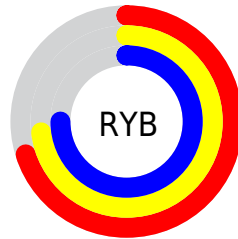
Distribution



Red (70%)

Green (75%)

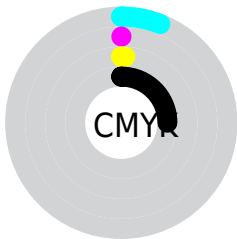
Blue (74%)



Red (70%)

Yellow (73%)

Blue (75%)

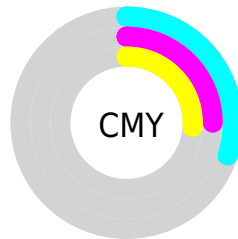


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1892, 50.0847, 55.3770 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 46.1892, 50.0847, 55.3770 by changing the saturation by 10% instead.

■ 46.1892, 50.0847,
55.3770

■ 46.1892, 50.0847,
55.3770

362.2720,
386.9971, 424.6616

■ 32.6004, 35.4807,
39.3030

■ 83.7282, 90.3004,
99.5698

■ 21.9783, 24.0334,
26.6859

108.4091,
116.6808, 128.5257

■ 13.9574, 15.3584,
17.1071

137.5182,
147.7555, 162.6126

■ 8.1726, 9.0713,
10.1481

171.4206,
183.9089, 202.2490

■ 4.2583, 4.7877,
5.3904

210.4819,
225.5254, 247.8536

■ 1.8493, 2.1233,
2.4154

255.0673,

■ 0.5471, 0.6777,

272.9893, 299.8449

0.7948

305.5422,
326.6851, 358.6414

■ 0.0000, 0.0000,
0.0000

■ 46.1892, 50.0847,
55.3770

■ 46.1892, 50.0847,
55.3770

■ 41.9104, 47.9019,
54.2022

■ 51.0783, 52.5846,
56.5941

■ 38.2129, 46.0171,
53.0653

■ 56.5965, 55.4073,
57.8515

■ 35.0719, 44.4189,
51.9660

■ 62.7672, 58.5660,
59.1511

■ 32.4590, 43.0928,
50.9031

■ 69.6101, 62.0710,
60.4941

■ 30.3436, 42.0228,
49.8750

■ 69.8083, 62.1503,
61.5379

■ 28.6916, 41.1914,
48.8801

■ 70.0088, 62.2305,
62.5938

■ 27.4647, 40.5790,
47.9165

■ 70.2116, 62.3116,
63.6617

■ 26.6186, 40.1626,
46.9822

■ 70.4167, 62.3937,
64.7418

■ 26.0975, 39.9136,
46.0746

■ 70.6241, 62.4766,
65.8340

Harmonies

Analogous

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



46.2333, 50.0847, 53.2246



46.1892, 50.0847, 55.3770



46.5212, 50.0847, 57.3539

Triad

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



46.1892, 50.0847, 55.3770



48.5788, 50.0847, 57.7187



48.0663, 50.0847, 50.6651

Complementary

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



46.1892, 50.0847, 55.3770



45.5954, 46.4841, 49.7516

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.



48.7035, 50.0847, 51.8075



46.1892, 50.0847, 55.3770



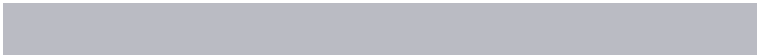
49.0015, 50.0847, 55.8642

Square

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



46.1892, 50.0847, 55.3770



47.8975, 50.0847, 58.7297



49.0474, 50.0847, 53.6991



47.3117, 50.0847, 50.5425

Rectangle

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



46.1892, 50.0847, 55.3770



46.9132, 50.0847, 58.2913



49.0474, 50.0847, 53.6991



48.3016, 50.0847, 50.9412

Sweetspot

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



46.1906, 50.0868, 55.3781



86.8973, 92.3936, 101.1678



45.3974, 49.7990, 49.8682



19.1013, 20.2987, 22.2204



92.9021, 97.7402, 106.4391



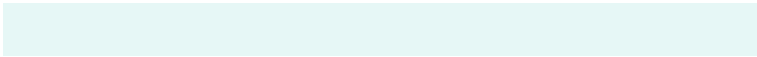
19.4759, 20.4902, 22.3138

Same Dimension

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



46.1906, 50.0868, 55.3781



82.6120, 90.2045, 100.0624



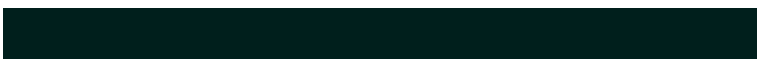
45.3610, 48.2527, 55.6405



9.9512, 10.8866, 12.0872



17.2543, 26.4920, 30.4654



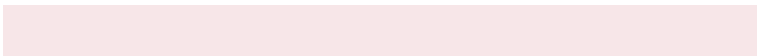
0.6869, 1.0421, 1.2517

Inverse Universe

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



45.5954, 46.4841, 49.7516



81.2987, 82.2555, 87.6485



46.3898, 48.2358, 49.5142



9.7846, 9.8788, 10.5132



14.2023, 7.3121, 1.0930



0.5684, 0.2912, 0.1064

Previews

White Background



This preview shows how the XYZ color 46.1892, 50.0847, 55.3770 looks on a white background.

Color Contrast Check

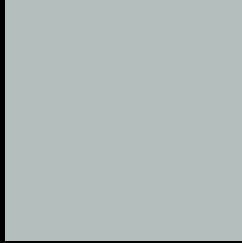
Large Text (above 18pt) WCAG AA × Fail

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 46.1892, 50.0847, 55.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

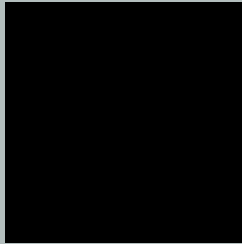
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

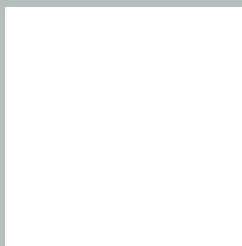
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1892, 50.0847, 55.3770

Background



This preview shows how black text looks on a background with the XYZ color 46.1892, 50.0847, 55.3770.

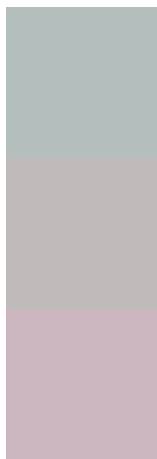


This preview shows how white text looks on a background with the XYZ color 46.1892, 50.0847,

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

46.1892, 50.0847, 55.3770

Protanopia

48.2258, 50.2049, 54.1624

Deuteranopia

51.0338, 50.0549, 56.2620



Tritanopia

47.8188, 50.1020, 63.6502

Trichromacy



Original Color

46.1892, 50.0847, 55.3770

Protanomaly

47.5538, 50.1621, 54.7528

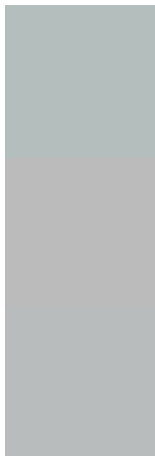
Deuteranomaly

49.1489, 50.0177, 55.7792

Tritanomaly

47.2130, 50.1757, 60.6226

Monochromacy



Original Color

46.1892, 50.0847, 55.3770

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.8275, 49.7876, 54.7189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1892, 50.0847, 55.3770 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(179, 190, 189) looks like.

```
.text, #text, p{  
    color:rgb(179, 190, 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(179, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 190, 189) }
```

Border

The CSS property to change the border of an element to XYZ 46.1892, 50.0847, 55.3770 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(179, 190, 189) }
```


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

```
.border{ border-color:rgb(179, 190, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 190, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 190, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 190, 189); box-shadow:4px 4px 4px 4px rgb(179, 190, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1892, 50.0847, 55.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 190, 189) }
```

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

```
.background{ background-color: rgb(179,  
190, 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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