

Converting Colors

XYZ(46.4684, 47.1914, 55.3880)

Have a look what the booklet for
XYZ(46.4684, 47.1914, 55.3880)
contains.

XYZ(46.3546, 47.0516, 55.3539)	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(46.3546, 47.0516,
55.3539)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB4BE
RGB	188, 180, 190
RGB Percent	74%, 71%, 75%
CMY	0.2627, 0.2941, 0.2549
CMYK	0.01, 0.05, 0.00, 0.25
HSL	288°, 7%, 73%
HSV	288°, 5%, 75%
XYZ	46.3546, 47.0516, 55.3539
YIQ	183.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

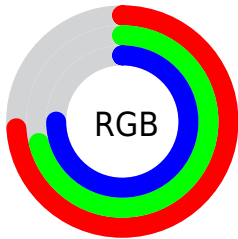
Format	Color
R_{YB}	188, 180, 190
Decimal	12367038
CIE _{Lab}	74.22, 4.68, -4.07
CIE _{LCh}	74, 6.198, 319.009
Yxy	47.0516, 0.3116, 0.3163
Android (android.graphics.Color)	4290557118 (0xFFBCB4BE)
YUV	183.5320, 3.1887, 3.9184
Hunter-Lab	68.5942, 0.5870, 0.1703

Details

The XYZ color **46.3546, 47.0516, 55.3539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9448, 50.0685, 50.4250**, and the grayscale version is **45.2855, 47.6439, 51.8842**.

A 20% lighter version of the original color is **83.9382, 85.8778, 99.3408**, and **22.0964, 22.1358, 26.7749** is the 20% darker color. If you saturate the color by 10%, you get **41.8553, 39.4242, 54.1195**, and if you desaturate by 10%, it is **51.4070, 55.7474, 56.7668**.

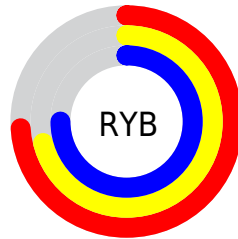
Distribution



Red (74%)

Green (71%)

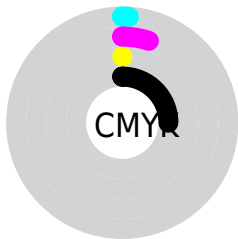
Blue (75%)



Red (74%)

Yellow (71%)

Blue (75%)

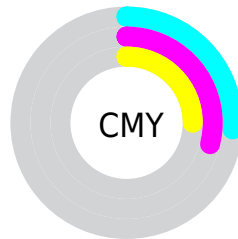


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (25%)



Cyan (26%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3546, 47.0516, 55.3539 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 46.3546, 47.0516, 55.3539 by changing the saturation by 10% instead.

■ 46.3546, 47.0516,
55.3539

■ 46.3546, 47.0516,
55.3539

362.9245,
375.0205, 424.5717

■ 32.7315, 33.0764,
39.2846

■ 83.9741, 85.7906,
99.5356

■ 22.0791, 22.1850,
26.6717

108.7012,
111.3233, 128.4852

■ 14.0320, 13.9929,
17.0965

137.8603,
141.4773, 162.5652

■ 8.2248, 8.1157,
10.1407

171.8169,
176.6370, 202.1943

■ 4.2921, 4.1691,
5.3855

210.9363,
217.1867, 247.7909

■ 1.8687, 1.7686,
2.4125

255.5838,

■ 0.5585, 0.4675,

263.5110, 299.7737

0.7932

306.1247,
315.9941, 358.5611

■ 0.0000, 0.0000,
0.0000

■ 46.3546, 47.0516,
55.3539

■ 46.3546, 47.0516,
55.3539

■ 41.8553, 39.4242,
54.1195

■ 51.4070, 55.7474,
56.7668

■ 37.8837, 32.8164,
53.0534

■ 57.0288, 65.5456,
58.3617

■ 34.4182, 27.1848,
52.1490

■ 63.2404, 76.4863,
60.1461

■ 31.4342, 22.4805,
51.3983

■ 69.7387, 87.9630,
62.0188

■ 28.9050, 18.6502,
50.7923

■ 70.7879, 88.5039,
62.0679

■ 26.8010, 15.6351,
50.3212

■ 71.8627, 89.0580,
62.1182

■ 25.0891, 13.3694,
49.9741

■ 72.9633, 89.6253,
62.1697

■ 23.7309, 11.7766,
49.7382

■ 74.0897, 90.2060,
62.2224

■ 22.6796, 10.7632,
49.5980

■ 75.2423, 90.8002,
62.2764

Harmonies

Analogous

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



45.4212, 47.0516, 57.2418



46.3546, 47.0516, 55.3539



46.8532, 47.0516, 52.4076

Triad

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



46.3546, 47.0516, 55.3539



45.1300, 47.0516, 45.4518



42.7298, 47.0516, 53.2518

Complementary

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



46.3546, 47.0516, 55.3539



45.9448, 50.0685, 50.4250

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.



42.6548, 47.0516, 50.0725



46.3546, 47.0516, 55.3539



44.0283, 47.0516, 45.6568

Square

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



46.3546, 47.0516, 55.3539



46.1384, 47.0516, 46.7465



43.1265, 47.0516, 47.3184



43.3332, 47.0516, 55.9939

Rectangle

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



46.3546, 47.0516, 55.3539



46.8664, 47.0516, 50.2782



43.1265, 47.0516, 47.3184



42.6423, 47.0516, 52.1961

Sweetspot

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



46.3560, 47.0536, 55.3549



86.8474, 90.1395, 101.1005



44.8807, 46.9473, 55.4122



19.0909, 19.8282, 22.2063



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.



46.3560, 47.0536, 55.3549



83.2834, 84.0386, 100.1107



46.5454, 47.1867, 53.7632



10.0221, 10.0808, 12.0898



14.8545, 6.9438, 32.9503



0.6303, 0.2969, 1.2930

Inverse Universe

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



46.0016, 46.9692, 50.8996



82.5460, 83.8639, 90.7963



45.7674, 49.9434, 51.9386



9.9269, 10.0584, 10.8841



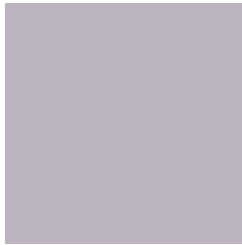
14.3759, 7.3815, 2.0070



0.5866, 0.2985, 0.2025

Previews

White Background



This preview shows how the XYZ color 46.3546, 47.0516, 55.3539 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 46.3546, 47.0516, 55.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

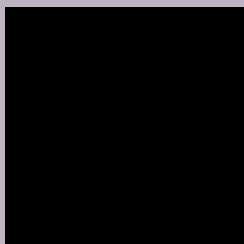
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3546, 47.0516, 55.3539

Background



This preview shows how black text looks on a background with the XYZ color 46.3546, 47.0516, 55.3539.



This preview shows how white text looks on a background with the XYZ color 46.3546, 47.0516,

55.3539.

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

46.3546, 47.0516, 55.3539

Protanopia

45.4563, 46.8766, 55.9425

Deuteranopia

47.8911, 46.9416, 55.8267



Tritanopia

46.8440, 46.9541, 57.6330

Trichromacy



Original Color

46.3546, 47.0516, 55.3539

Protanomaly

45.9354, 47.1236, 55.9649

Deuteranomaly

47.3167, 46.9398, 55.8567

Tritanomaly

46.7320, 46.9093, 57.0434

Monochromacy



Original Color

46.3546, 47.0516, 55.3539

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.8040, 47.7264, 53.2524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3546, 47.0516, 55.3539 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(188, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 180, 190)  
}
```

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(188, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 180, 190) }
```

Border

The CSS property to change the border of an element to XYZ 46.3546, 47.0516, 55.3539 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(188, 180, 190) }
```


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

```
.border{ border-color:rgb(188, 180, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 180, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 180,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3546, 47.0516, 55.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 180, 190) }
```

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

```
.background{ background-color: rgb(188,  
180, 190) }
```

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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