

Converting Colors

XYZ(46.0928, 45.2264, 48.1580)

Have a look what the booklet for
XYZ(46.0928, 45.2264, 48.1580)
contains.

XYZ(46.1979, 45.3568, 48.4393)	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(46.1979, 45.3568,
48.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AEB2
RGB	197, 174, 178
RGB Percent	77%, 68%, 70%
CMY	0.2274, 0.3176, 0.3020
CMYK	0.00, 0.12, 0.10, 0.23
HSL	350°, 17%, 73%
HSV	350°, 12%, 77%
XYZ	46.1979, 45.3568, 48.4393
YIQ	181.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

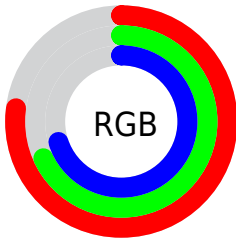
Format	Color
RYB	197, 174, 178
Decimal	12955314
CIELab	73.13, 8.96, 0.99
CIELCh	73, 9.015, 6.292
Yxy	45.3568, 0.3300, 0.3240
Android (android.graphics.Color)	4291145394 (0xFFC5AEB2)
YUV	181.3330, -1.6432, 13.7400
Hunter-Lab	67.3475, 4.5864, 4.4992

Details

The XYZ color **46.1979, 45.3568, 48.4393** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0492, 52.7826, 58.1630**, and the grayscale version is **44.1062, 46.4031, 50.5330**.

A 20% lighter version of the original color is **83.7436, 83.0500, 89.4584**, and **21.9889, 21.2394, 22.3427** is the 20% darker color. If you saturate the color by 10%, you get **41.1293, 37.6812, 39.1597**, and if you desaturate by 10%, it is **52.0212, 54.2303, 58.9283**.

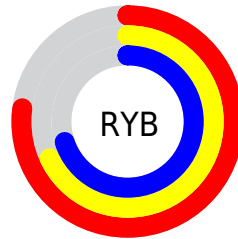
Distribution



Red (77%)

Green (68%)

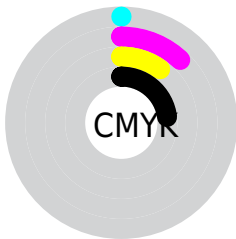
Blue (70%)



Red (77%)

Yellow (68%)

Blue (70%)

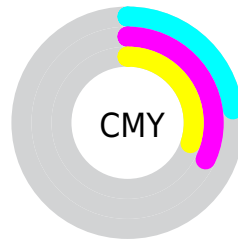


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (32%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1979, 45.3568, 48.4393 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 46.1979, 45.3568, 48.4393 by changing the saturation by 10% instead.


 46.1979, 45.3568,
48.4393

 46.1979, 45.3568,
48.4393


362.3063,
368.2167, 397.0896

 32.6073, 31.7386,
33.8124


 83.7411, 83.2556,
89.2305

 21.9836, 21.1619,
22.4734


108.4245,
108.3049, 116.2319

 13.9614, 13.2424,
14.0035

137.5362,
137.9334, 148.1952

 8.1753, 7.5957,
7.9843

171.4415,
172.5254, 185.5390

 4.2601, 3.8373,
3.9973

210.5058,
212.4653, 228.6818

 1.8503, 1.5830,
1.6239

255.0945,

 0.5477, 0.3461,

258.1376, 278.0421

0.3078

305.5728,
309.9266, 334.0385

■ 0.0000, 0.0000,
0.0000

■ 46.1979, 45.3568,
48.4393

■ 46.1979, 45.3568,
48.4393

■ 41.1293, 37.6812,
39.1597

■ 52.0212, 54.2303,
58.9283

■ 36.7806, 31.1464,
31.0429

■ 58.6245, 64.3438,
70.6652

■ 33.1199, 25.6997,
24.0437

■ 66.0366, 75.7445,
83.6903

■ 30.1116, 21.2816,
18.1125

■ 74.2839, 88.4756,
98.0413

■ 27.7165, 17.8273,
13.1964

■ 76.8362, 90.6104,
108.0476

■ 25.8915, 15.2641,
9.2375

■ 24.5875, 13.5094,
6.1719

■ 23.7467, 12.4648,
3.9279

■ 23.3183, 11.9873,
2.6160

Harmonies

Analogous

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



45.9493, 45.3568, 52.9637



46.1979, 45.3568, 48.4393



45.6031, 45.3568, 44.4176

Triad

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



46.1979, 45.3568, 48.4393



41.3387, 45.3568, 42.7061



41.9015, 45.3568, 57.7795

Complementary

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



46.1979, 45.3568, 48.4393



47.0492, 52.7826, 58.1630

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.



40.7100, 45.3568, 54.7114



46.1979, 45.3568, 48.4393



40.3907, 45.3568, 45.9728

Square

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



46.1979, 45.3568, 48.4393



42.7785, 45.3568, 41.2402



40.1634, 45.3568, 50.3446



43.4438, 45.3568, 58.5391

Rectangle

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



46.1979, 45.3568, 48.4393



44.8166, 45.3568, 42.5023



40.1634, 45.3568, 50.3446



41.4478, 45.3568, 56.9752

Sweetspot

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



46.1992, 45.3588, 48.4403



90.5545, 93.1329, 100.8540



47.1527, 45.6144, 59.1431



19.2069, 19.6666, 21.2718



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.



46.1992, 45.3588, 48.4403



80.3094, 77.5435, 82.3299



47.2489, 48.0912, 46.8391



10.7079, 10.6665, 11.4449



15.3592, 7.8932, 1.8355



0.7511, 0.3833, 0.2126

Inverse Universe

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



46.1992, 45.3588, 48.4403



80.3094, 77.5435, 82.3299



45.8874, 49.7357, 60.0053



10.7079, 10.6665, 11.4449



15.3592, 7.8932, 1.8355



0.7511, 0.3833, 0.2126

Previews

White Background



This preview shows how the XYZ color 46.1979, 45.3568, 48.4393 looks on a white background.

Color Contrast Check

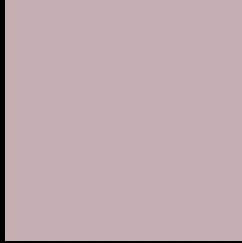
Large Text (above 18pt) WCAG AA × Fail

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 46.1979, 45.3568, 48.4393 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 46.1979, 45.3568, 48.4393

Background



This preview shows how black text looks on a background with the XYZ color 46.1979, 45.3568, 48.4393.



This preview shows how white text looks on a background with the XYZ color 46.1979, 45.3568,

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

46.1979, 45.3568, 48.4393

Protanopia

43.7520, 45.5215, 50.1966

Deuteranopia

46.1979, 45.3568, 48.4393



Tritanopia

47.0952, 45.4381, 52.7426

Trichromacy



Original Color

46.1979, 45.3568, 48.4393

Protanomaly

44.4539, 45.3044, 49.5817

Deuteranomaly

46.1979, 45.3568, 48.4393

Tritanomaly

46.7795, 45.3118, 51.0803

Monochromacy



Original Color

46.1979, 45.3568, 48.4393

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.6521, 45.7009, 49.6477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1979, 45.3568, 48.4393 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(197, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 174, 178)  
}
```

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(197, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 174, 178) }
```

Border

The CSS property to change the border of an element to XYZ 46.1979, 45.3568, 48.4393 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(197, 174, 178) }
```


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

```
.border{ border-color:rgb(197, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(197, 174,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1979, 45.3568, 48.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 174, 178) }
```

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

```
.background{ background-color: rgb(197,  
174, 178) }
```

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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