

Converting Colors

XYZ(46.2976, 48.6279, 53.5576)

Have a look what the booklet for
XYZ(46.2976, 48.6279, 53.5576)
contains.

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Color

**XYZ(46.2195, 48.5574,
53.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B9BA
RGB	185, 185, 186
RGB Percent	73%, 73%, 73%
CMY	0.2745, 0.2745, 0.2706
CMYK	0.01, 0.01, 0.00, 0.27
HSL	240°, 1%, 73%
HSV	240°, 1%, 73%
XYZ	46.2195, 48.5574, 53.3909
YIQ	185.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

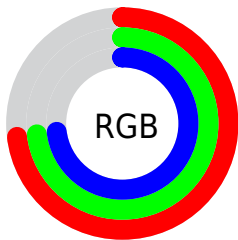
Format	Color
RYB	185, 185, 186
Decimal	12171706
CIELab	75.18, 0.19, -0.51
CIElCh	75, 0.548, 290.342
Yxy	48.5574, 0.3119, 0.3277
Android (android.graphics.Color)	4290361786 (0xFFB9B9BA)
YUV	185.1140, 0.4368, -0.1000
Hunter-Lab	69.6831, -3.5498, 3.3505

Details

The XYZ color **46.2195, 48.5574, 53.3909** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5657, 49.0592, 52.9148**, and the grayscale version is **46.1765, 48.5812, 52.9050**.

A 20% lighter version of the original color is **83.7579, 88.0222, 96.5799**, and **22.0006, 23.1015, 25.4898** is the 20% darker color. If you saturate the color by 10%, you get **38.3937, 39.1367, 51.9857**, and if you desaturate by 10%, it is **55.1409, 59.2965, 54.9943**.

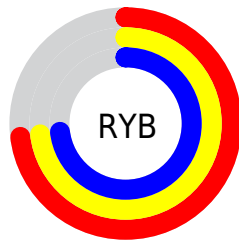
Distribution



Red (73%)

Green (73%)

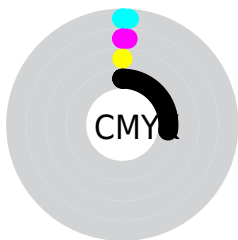
Blue (73%)



Red (73%)

Yellow (73%)

Blue (73%)

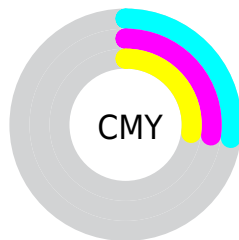


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2195, 48.5574, 53.3909 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 46.2195, 48.5574, 53.3909 by changing the saturation by 10% instead.

■ 46.2195, 48.5574,
53.3909

■ 46.2195, 48.5574,
53.3909

362.3916,
380.9973, 416.8918

■ 32.6244, 34.2685,
37.7251

■ 83.7733, 88.0337,
96.6267

■ 21.9967, 23.1000,
25.4692

108.4626,
113.9900, 125.0337

■ 13.9711, 14.6673,
16.2048

137.5809,
144.6041, 158.5249

■ 8.1821, 8.5862,
9.5132

171.4932,
180.2606, 197.5187

■ 4.2645, 4.4723,
4.9761

210.5651,
221.3437, 242.4338

■ 1.8528, 1.9411,
2.1747

255.1619,

■ 0.5492, 0.5729,

268.2380, 293.6887

0.6597

305.6490,
321.3277, 351.7018

■ 0.0000, 0.0000,
0.0000

■ 46.2195, 48.5574,
53.3909

■ 46.2195, 48.5574,
53.3909

■ 38.3937, 39.1367,
51.9857

■ 55.1409, 59.2965,
54.9943

■ 31.6175, 30.9778,
50.7680

■ 65.1936, 71.3957,
56.7998

■ 25.8473, 24.0290,
49.7309

■ 76.4166, 84.9022,
58.8153

■ 21.0353, 18.2326,
48.8657

■ 85.8631, 96.3252,
60.5223

■ 17.1297, 13.5265,
48.1632

■ 14.0737, 9.8424,
47.6132

■ 11.8041, 7.1046,
47.2043

■ 10.2491, 5.2268,
46.9238

■ 9.3236, 4.1069,
46.7564

Harmonies

Analogous

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



46.1200, 48.5574, 53.4177



46.2195, 48.5574, 53.3909



46.3011, 48.5574, 53.2244

Triad

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



46.2195, 48.5574, 53.3909



46.2757, 48.5574, 52.4462



45.9623, 48.5574, 52.7780

Complementary

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



46.2195, 48.5574, 53.3909



46.5657, 49.0592, 52.9148

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.



46.0039, 48.5574, 52.5187



46.2195, 48.5574, 53.3909



46.1847, 48.5574, 52.3275

Square

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



46.2195, 48.5574, 53.3909



46.3336, 48.5574, 52.6788



46.0853, 48.5574, 52.3540



45.9716, 48.5574, 53.0632

Rectangle

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



46.2195, 48.5574, 53.3909



46.3344, 48.5574, 53.0570



46.0853, 48.5574, 52.3540



45.9708, 48.5574, 52.6850

Sweetspot

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



46.2209, 48.5595, 53.3920



84.5950, 89.0005, 96.9216



46.4284, 48.9774, 53.4524



18.6292, 19.5994, 21.3438



90.7827, 95.5105, 104.0109

Same Dimension

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



46.2209, 48.5595, 53.3920



83.0528, 87.1441, 96.6445



46.3370, 48.6184, 53.3972



9.9570, 10.4499, 11.5717



5.9680, 2.3957, 31.4009



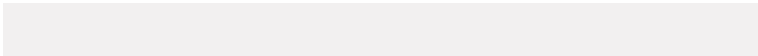
0.2112, 0.0860, 1.1072

Inverse Universe

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



46.3567, 48.6407, 52.8468



83.5168, 87.4216, 94.7820



46.4491, 49.0001, 52.9095



10.0080, 10.4804, 11.3670



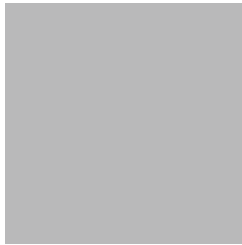
13.6261, 7.0242, 0.6517



0.4807, 0.2478, 0.0250

Previews

White Background



This preview shows how the XYZ color 46.2195, 48.5574, 53.3909 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 46.2195, 48.5574, 53.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

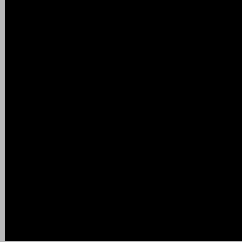
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2195, 48.5574, 53.3909

Background



This preview shows how black text looks on a background with the XYZ color 46.2195, 48.5574, 53.3909.

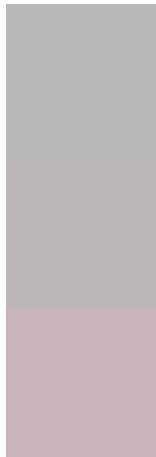


This preview shows how white text looks on a background with the XYZ color 46.2195, 48.5574,

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

46.2195, 48.5574, 53.3909

Protanopia

46.6365, 48.4751, 52.7976

Deuteranopia

49.4469, 48.3846, 53.7467



Tritanopia

47.6200, 48.5090, 60.2794

Trichromacy



Original Color

46.2195, 48.5574, 53.3909

Protanomaly

46.3910, 48.3486, 52.7861

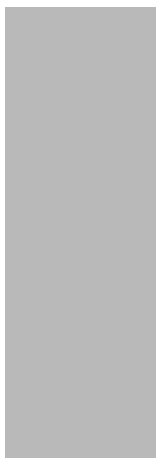
Deuteranomaly

48.2585, 48.3714, 53.8068

Tritanomaly

47.1278, 48.6151, 57.9387

Monochromacy



Original Color

46.2195, 48.5574, 53.3909

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1135, 48.5150, 52.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2195, 48.5574, 53.3909 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(185, 185, 186) looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 186)  
}
```

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(185, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.2195, 48.5574, 53.3909 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(185, 185, 186) }
```

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

```
.border{ border-color:rgb(185, 185, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
186) }
```


Background

The CSS property to change the background color of an element to XYZ 46.2195, 48.5574, 53.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 186) }
```

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

```
.background{ background-color: rgb(185,  
185, 186) }
```

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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