

Converting Colors

XYZ(44.5524, 46.8088, 52.5176)

Have a look what the booklet for
XYZ(44.5524, 46.8088, 52.5176)
contains.

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Color

**XYZ(44.5410, 46.7824,
52.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B6B9
RGB	181, 182, 185
RGB Percent	71%, 71%, 73%
CMY	0.2902, 0.2863, 0.2745
CMYK	0.02, 0.02, 0.00, 0.27
HSL	225°, 3%, 72%
HSV	225°, 2%, 73%
XYZ	44.5410, 46.7824, 52.5813
YIQ	182.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

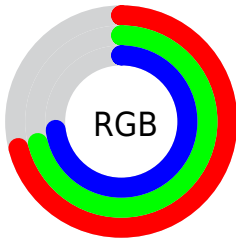
Format	Color
R_{YB}	181, 182, 185
Decimal	11908793
CIE Lab	74.05, 0.22, -1.65
CIE LCh	74, 1.666, 277.594
Yxy	46.7824, 0.3095, 0.3251
Android (android.graphics.Color)	4290098873 (0xFFB5B6B9)
YUV	182.0430, 1.4578, -0.9147
Hunter-Lab	68.3977, -3.4555, 2.2987

Details

The XYZ color **44.5410, 46.7824, 52.5813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4888, 47.9312, 50.5711**, and the grayscale version is **44.4809, 46.7973, 50.9623**.

A 20% lighter version of the original color is **81.3768, 85.5045, 95.4341**, and **20.9172, 21.9557, 24.9652** is the 20% darker color. If you saturate the color by 10%, you get **37.7882, 39.2943, 51.4926**, and if you desaturate by 10%, it is **52.1536, 55.1336, 53.7927**.

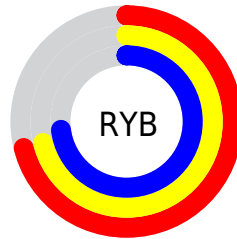
Distribution



Red (71%)

Green (71%)

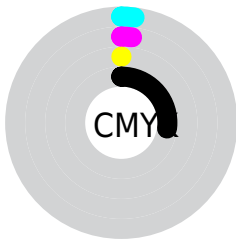
Blue (73%)



Red (71%)

Yellow (71%)

Blue (73%)

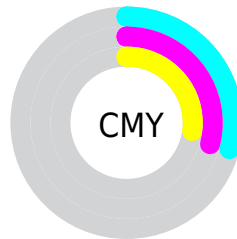


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5410, 46.7824, 52.5813 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 44.5410, 46.7824, 52.5813 by changing the saturation by 10% instead.

■ 44.5410, 46.7824,
52.5813

■ 44.5410, 46.7824,
52.5813

355.7265,
373.9453, 413.6973

■ 31.2958, 32.8637,
37.0832

■ 81.2725, 85.3887,
95.4233

■ 20.9771, 22.0220,
24.9756

105.4895,
110.8451, 123.6042

■ 13.2196, 13.8731,
15.8400

134.0945,
140.9162, 156.8498

■ 7.6580, 8.0324,
9.2579

167.4528,
175.9863, 195.5787

■ 3.9269, 4.1157,
4.8107

205.9298,
216.4398, 240.2093

■ 1.6608, 1.7385,
2.0798

249.8908,

■ 0.4316, 0.4484,

262.6613, 291.1603

0.6037

299.7013,
315.0350, 348.8501

■ 0.0000, 0.0000,
0.0000

■ 44.5410, 46.7824,
52.5813

■ 44.5410, 46.7824,
52.5813

■ 37.7882, 39.2943,
51.4926

■ 52.1536, 55.1336,
53.7927

■ 31.8605, 32.6355,
50.5197

■ 60.6511, 64.3685,
55.1274

■ 26.7268, 26.7785,
49.6598

■ 70.0625, 74.5145,
56.5897

■ 22.3523, 21.6921,
48.9086

■ 80.4134, 85.5955,
58.1830

■ 18.6998, 17.3432,
48.2617

■ 84.5939, 93.9565,
59.5765

■ 15.7284, 13.6959,
47.7143

■ 85.7571, 96.2828,
59.9642

■ 13.3934, 10.7110,
47.2612

■ 11.6440, 8.3455,
46.8968

■ 10.4210, 6.5501,
46.6147

Harmonies

Analogous

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



44.2473, 46.7824, 52.4696



44.5410, 46.7824, 52.5813



44.8156, 46.7824, 52.2488

Triad

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



44.5410, 46.7824, 52.5813



44.9206, 46.7824, 49.9440



43.9379, 46.7824, 50.3154

Complementary

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



44.5410, 46.7824, 52.5813



45.4888, 47.9312, 50.5711

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.



44.1168, 46.7824, 49.6495



44.5410, 46.7824, 52.5813



44.6839, 46.7824, 49.4367

Square

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



44.5410, 46.7824, 52.5813



45.0354, 46.7824, 50.7216



44.3896, 46.7824, 49.3295



43.9000, 46.7824, 51.1552

Rectangle

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



44.5410, 46.7824, 52.5813



44.9506, 46.7824, 51.8222



44.3896, 46.7824, 49.3295



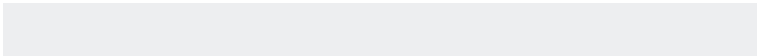
43.9835, 46.7824, 50.0641

Sweetspot

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



44.5423, 46.7844, 52.5823



81.2565, 85.4233, 94.4103



45.0506, 47.9804, 52.1983



17.5322, 18.4320, 20.3553



88.6918, 93.3107, 101.6153



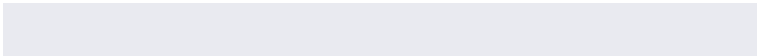
17.8044, 18.7317, 20.3988

Same Dimension

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



44.5423, 46.7844, 52.5823



78.6394, 82.5377, 93.9912



44.5573, 46.4884, 52.5244



9.5361, 10.0030, 11.5076



6.6879, 3.8355, 31.6409



0.2865, 0.2367, 1.1323

Inverse Universe

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



44.9760, 46.7404, 50.9095



79.7296, 82.4314, 89.7854



45.4734, 48.2335, 50.6302



9.6991, 9.9876, 10.8785



13.9894, 7.1695, 2.5651



0.5188, 0.2630, 0.2253

Previews

White Background



This preview shows how the XYZ color 44.5410, 46.7824, 52.5813 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 44.5410, 46.7824, 52.5813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

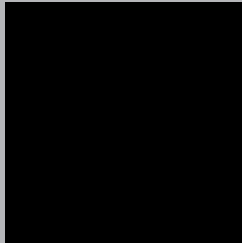
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5410, 46.7824, 52.5813

Background



This preview shows how black text looks on a background with the XYZ color 44.5410, 46.7824, 52.5813.



This preview shows how white text looks on a background with the XYZ color 44.5410, 46.7824,

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

44.5410, 46.7824, 52.5813

Protanopia

44.9428, 46.6988, 51.9924

Deuteranopia

47.6770, 46.6016, 52.9365



Tritanopia

45.7000, 46.6499, 58.2254

Trichromacy



Original Color

44.5410, 46.7824, 52.5813

Protanomaly

44.7040, 46.5757, 51.9813

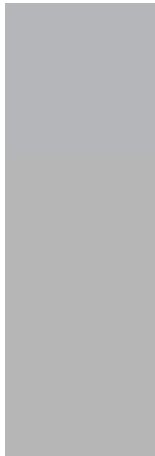
Deuteranomaly

46.5215, 46.5924, 52.9957

Tritanomaly

45.2192, 46.7544, 55.9314

Monochromacy



Original Color

44.5410, 46.7824, 52.5813

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.5666, 46.8199, 51.4880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5410, 46.7824, 52.5813 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(181, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 182, 185)  
}
```

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(181, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 185) }
```

Border

The CSS property to change the border of an element to XYZ 44.5410, 46.7824, 52.5813 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(181, 182, 185) }
```


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

```
.border{ border-color:rgb(181, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 182,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5410, 46.7824, 52.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 182, 185) }
```

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

```
.background{ background-color: rgb(181,  
182, 185) }
```

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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