

Converting Colors

XYZ(44.1580, 46.9453, 52.2609)

Have a look what the booklet for
XYZ(44.1580, 46.9453, 52.2609)
contains.

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Color

**XYZ(44.1756, 46.9114,
52.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B7B8
RGB	179, 183, 184
RGB Percent	70%, 72%, 72%
CMY	0.2980, 0.2823, 0.2784
CMYK	0.03, 0.01, 0.00, 0.28
HSL	192°, 3%, 71%
HSV	192°, 3%, 72%
XYZ	44.1756, 46.9114, 52.0739
YIQ	181.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

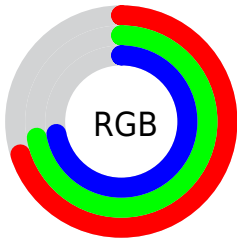
Format	Color
RYB	179, 181, 184
Decimal	11777976
CIELab	74.13, -1.20, -1.00
CIELCh	74, 1.565, 219.862
Yxy	46.9114, 0.3086, 0.3277
Android (android.graphics.Color)	4289968056 (0xFFB3B7B8)
YUV	181.9180, 1.0264, -2.5591
Hunter-Lab	68.4919, -4.7327, 2.8666

Details

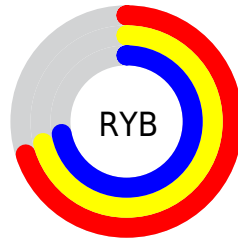
The XYZ color **44.1756, 46.9114, 52.0739** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2251, 46.0869, 49.2132**, and the grayscale version is **44.4156, 46.7286, 50.8875**.

A 20% lighter version of the original color is **80.8556, 85.6864, 94.7157**, and **20.6836, 22.0396, 24.6367** is the 20% darker color. If you saturate the color by 10%, you get **39.4571, 43.3716, 51.6401**, and if you desaturate by 10%, it is **49.4840, 50.7872, 52.5429**.

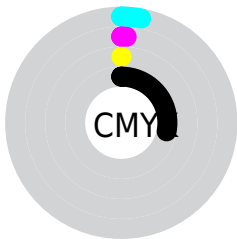
Distribution



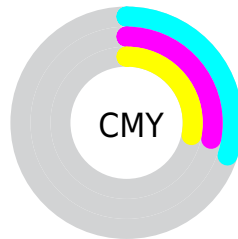
- Red (70%)
- Green (72%)
- Blue (72%)



- Red (70%)
- Yellow (71%)
- Blue (72%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1756, 46.9114, 52.0739 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 44.1756, 46.9114, 52.0739 by changing the saturation by 10% instead.

■ 44.1756, 46.9114,
52.0739

■ 44.1756, 46.9114,
52.0739

354.2645,
374.4608, 411.6869

■ 31.0071, 32.9656,
36.6813

■ 80.7266, 85.5814,
94.6679

■ 20.7561, 22.1001,
24.6670

104.8398,
111.0743, 122.7064

■ 13.0573, 13.9305,
15.6124

133.3320,
141.1851, 155.7974

■ 7.5453, 8.0723,
9.0989

166.5685,
176.2982, 194.3592

■ 3.8547, 4.1413,
4.7081

204.9146,
216.7979, 238.8106

■ 1.6203, 1.7529,
2.0213

248.7358,

■ 0.4056, 0.4576,

263.0686, 289.5699

0.5683

298.3973,
315.4948, 347.0559

■ 0.0000, 0.0000,
0.0000

■ 44.1756, 46.9114,
52.0739

■ 44.1756, 46.9114,
52.0739

■ 39.4571, 43.3716,
51.6401

■ 49.4840, 50.7872,
52.5429

■ 35.3020, 40.1500,
51.2372

■ 55.3995, 55.0042,
53.0451

■ 31.6878, 37.2360,
50.8653

■ 61.9435, 59.5749,
53.5824

■ 28.5887, 34.6163,
50.5229

■ 69.1353, 64.5094,
54.1558

■ 25.9769, 32.2761,
50.2089

■ 70.8591, 66.6552,
54.4792

■ 23.8219, 30.1996,
49.9217

■ 71.7264, 68.3898,
54.7683

■ 22.0896, 28.3688,
49.6596

■ 72.6143, 70.1656,
55.0642

■ 20.7408, 26.7635,
49.4208

■ 73.5229, 71.9828,
55.3671

■ 19.7287, 25.3592,
49.2031

■ 74.4523, 73.8417,
55.6769

Harmonies

Analogous

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



44.0592, 46.9114, 51.3433



44.1756, 46.9114, 52.0739



44.4026, 46.9114, 52.5409

Triad

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



44.1756, 46.9114, 52.0739



45.0956, 46.9114, 51.6116



44.4957, 46.9114, 49.5734

Complementary

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



44.1756, 46.9114, 52.0739



44.2251, 46.0869, 49.2132

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.



44.7736, 46.9114, 49.6435



44.1756, 46.9114, 52.0739



45.1208, 46.9114, 50.8147

Square

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



44.1756, 46.9114, 52.0739



44.9341, 46.9114, 52.2721



45.0027, 46.9114, 50.0959



44.2435, 46.9114, 49.9033

Rectangle

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



44.1756, 46.9114, 52.0739



44.5866, 46.9114, 52.6371



45.0027, 46.9114, 50.0959



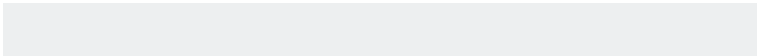
44.5892, 46.9114, 49.5510

Sweetspot

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



44.1769, 46.9134, 52.0749



81.6415, 86.1933, 94.5386



43.9613, 47.1573, 49.9214



17.6109, 18.5893, 20.3815



88.6918, 93.3107, 101.6153



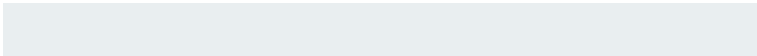
17.8044, 18.7317, 20.3988

Same Dimension

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



44.1769, 46.9134, 52.0749



79.7800, 84.8189, 94.3714



43.6820, 45.9236, 51.9100



9.7066, 10.3440, 11.5644



13.2383, 16.9362, 33.8244



0.5059, 0.6756, 1.2055

Inverse Universe

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



44.4355, 45.8502, 51.3102



80.3053, 82.6617, 92.8171



44.7179, 47.0726, 49.3774



9.7852, 10.0220, 11.3316



17.2957, 8.4921, 19.9760



0.6295, 0.3073, 0.8086

Previews

White Background



This preview shows how the XYZ color 44.1756, 46.9114, 52.0739 looks on a white background.

Color Contrast Check

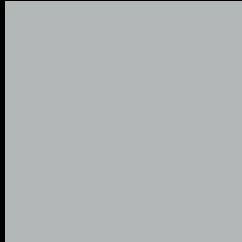
Large Text (above 18pt) WCAG AA × Fail

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 44.1756, 46.9114, 52.0739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

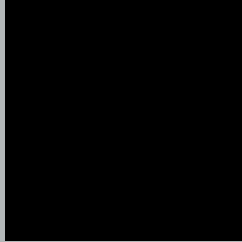
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

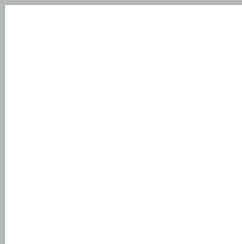
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1756, 46.9114, 52.0739

Background



This preview shows how black text looks on a background with the XYZ color 44.1756, 46.9114, 52.0739.

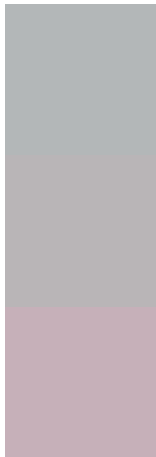


This preview shows how white text looks on a background with the XYZ color 44.1756, 46.9114,

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

44.1756, 46.9114, 52.0739

Protanopia

45.0787, 46.7809, 51.4535

Deuteranopia

47.5710, 46.5592, 52.3785



Tritanopia

45.5437, 46.8570, 58.8685

Trichromacy



Original Color

44.1756, 46.9114, 52.0739

Protanomaly

44.8036, 46.9421, 51.4991

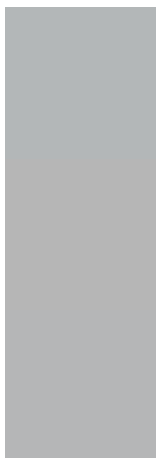
Deuteranomaly

46.3629, 46.8193, 52.4924

Tritanomaly

45.0648, 46.9650, 56.5591

Monochromacy



Original Color

44.1756, 46.9114, 52.0739

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.3312, 46.6986, 51.4770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1756, 46.9114, 52.0739 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, 183, 184) looks like.

```
.text, #text, p{  
    color:rgb(179, 183, 184)  
}
```

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, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 183, 184) }
```

Border

The CSS property to change the border of an element to XYZ 44.1756, 46.9114, 52.0739 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, 183, 184) }
```


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

```
.border{ border-color:rgb(179, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 183,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1756, 46.9114, 52.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 183, 184) }
```

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

```
.background{ background-color: rgb(179,  
183, 184) }
```

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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