

Converting Colors

XYZ(40.5922, 44.9037, 50.5017)

Have a look what the booklet for
XYZ(40.5922, 44.9037, 50.5017)
contains.

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Color

**XYZ(40.3783, 44.6846,
50.2129)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B6B5
RGB	164, 182, 181
RGB Percent	64%, 71%, 71%
CMY	0.3569, 0.2863, 0.2902
CMYK	0.10, 0.00, 0.01, 0.29
HSL	177°, 11%, 68%
HSV	177°, 10%, 71%
XYZ	40.3783, 44.6846, 50.2129
YIQ	176.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

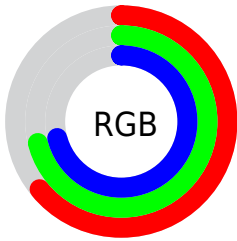
Format	Color
RYB	164, 173, 182
Decimal	10794677
CIELab	72.68, -6.39, -1.62
CIELCh	73, 6.587, 194.201
Yxy	44.6846, 0.2985, 0.3303
Android (android.graphics.Color)	4288984757 (0xFFA4B6B5)
YUV	176.5040, 2.2165, -10.9660
Hunter-Lab	66.8465, -9.1595, 2.2559

Details

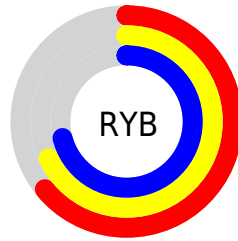
The XYZ color **40.3783, 44.6846, 50.2129** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.3600, 39.2139, 41.0939**, and the grayscale version is **41.5237, 43.6862, 47.5743**.

A 20% lighter version of the original color is **75.0740, 82.3236, 92.0540**, and **18.4286, 20.7038, 23.4470** is the 20% darker color. If you saturate the color by 10%, you get **36.7845, 42.8451, 49.5046**, and if you desaturate by 10%, it is **44.5130, 46.8053, 50.9523**.

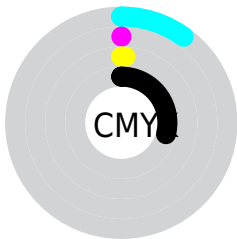
Distribution



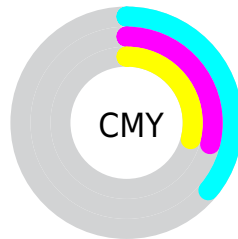
- Red (64%)
- Green (71%)
- Blue (71%)



- Red (64%)
- Yellow (68%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3783, 44.6846, 50.2129 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 40.3783, 44.6846, 50.2129 by changing the saturation by 10% instead.

■ 40.3783, 44.6846,
50.2129

■ 40.3783, 44.6846,
50.2129

338.8226,
365.4947, 404.2568

■ 28.0191, 31.2091,
35.2102

■ 75.0199, 82.2469,
91.8898

■ 18.4806, 20.7581,
23.5400

■ 98.0331, 107.1025,
119.4011

■ 11.3974, 12.9473,
14.7837

125.3283,
136.5202, 151.9190

■ 6.4040, 7.3923,
8.5228

157.2709,
170.8845, 189.8621

■ 3.1353, 3.7086,
4.3387

194.2263,
210.5796, 233.6489

■ 1.2257, 1.5119,
1.8129

236.5598,

■ 0.1265, 0.2971,

255.9901, 283.6979

0.4365

284.6368,
307.5003, 340.4277

■ 0.0000, 0.0000,
0.0000

■ 40.3783, 44.6846,
50.2129

■ 40.3783, 44.6846,
50.2129

■ 36.7845, 42.8451,
49.5046

■ 44.5130, 46.8053,
50.9523

■ 33.7050, 41.2695,
48.8233

■ 49.2061, 49.2125,
51.7210

■ 31.1167, 39.9470,
48.1690

■ 54.4790, 51.9186,
52.5207

■ 28.9934, 38.8641,
47.5404

■ 60.3511, 54.9334,
53.3524

■ 27.3062, 38.0059,
46.9361

■ 66.8391, 58.2657,
54.2169

■ 26.0232, 37.3561,
46.3546

■ 66.9474, 58.3090,
54.7869

■ 25.1081, 36.8958,
45.7943

■ 67.0564, 58.3526,
55.3609

■ 24.5181, 36.6029,
45.2530

■ 67.1661, 58.3965,
55.9390

■ 24.1659, 36.4327,
44.7268

■ 67.2767, 58.4407,
56.5211

Harmonies

Analogous

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



40.3936, 44.6846, 46.9620



40.3783, 44.6846, 50.2129



40.9168, 44.6846, 53.1707

Triad

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



40.3783, 44.6846, 50.2129



44.0205, 44.6846, 53.3023



43.0719, 44.6846, 42.8510

Complementary

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



40.3783, 44.6846, 50.2129



39.3600, 39.2139, 41.0939

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.



44.0649, 44.6846, 44.4005



40.3783, 44.6846, 50.2129



44.6192, 44.6846, 50.3860

Square

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



40.3783, 44.6846, 50.2129



43.0123, 44.6846, 55.0077



44.6356, 44.6846, 47.1276



41.9350, 44.6846, 42.8093

Rectangle

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



40.3783, 44.6846, 50.2129



41.5230, 44.6846, 54.5375



44.6356, 44.6846, 47.1276



43.4341, 44.6846, 43.2095

Sweetspot

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



40.3796, 44.6865, 50.2139



78.2223, 83.5842, 91.9429



38.9888, 44.1589, 41.5913



17.1409, 18.3915, 20.2834



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.



40.3796, 44.6865, 50.2139



71.6122, 80.1966, 90.7310



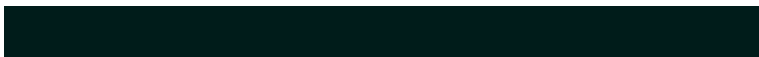
38.9294, 41.6209, 50.2400



9.2445, 10.2018, 11.4449



17.0706, 25.7292, 31.6235



0.6084, 0.9097, 1.1496

Inverse Universe

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



39.3600, 39.2139, 41.0939



69.3675, 68.1473, 70.6516



40.7083, 42.0560, 41.0948



9.0243, 9.0201, 9.4756



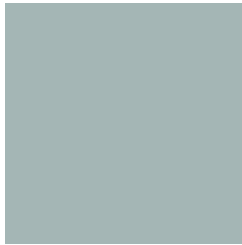
13.6708, 7.0421, 0.8875



0.4888, 0.2510, 0.0675

Previews

White Background



This preview shows how the XYZ color 40.3783, 44.6846, 50.2129 looks on a white background.

Color Contrast Check

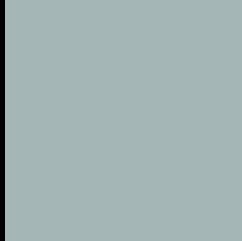
Large Text (above 18pt) WCAG AA × Fail

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 40.3783, 44.6846, 50.2129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

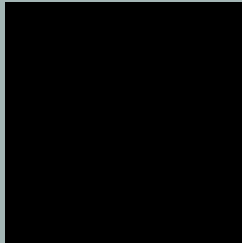
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

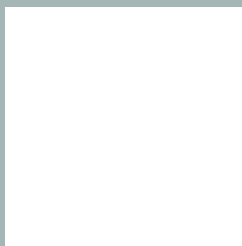
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3783, 44.6846, 50.2129

Background



This preview shows how black text looks on a background with the XYZ color 40.3783, 44.6846, 50.2129.



This preview shows how white text looks on a background with the XYZ color 40.3783, 44.6846,

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

40.3783, 44.6846, 50.2129

Protanopia

42.8141, 44.4824, 48.4489

Deuteranopia

45.4831, 44.6435, 51.0196



Tritanopia

41.7847, 44.6445, 57.4539

Trichromacy



Original Color

40.3783, 44.6846, 50.2129

Protanomaly

41.9360, 44.6088, 49.0479

Deuteranomaly

43.2602, 44.3732, 50.5408

Tritanomaly

41.2262, 44.7212, 54.6033

Monochromacy



Original Color

40.3783, 44.6846, 50.2129

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.1692, 44.2252, 48.4859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3783, 44.6846, 50.2129 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(164, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 181)  
}
```

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(164, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 181) }
```

Border

The CSS property to change the border of an element to XYZ 40.3783, 44.6846, 50.2129 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(164, 182, 181) }
```


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

```
.border{ border-color:rgb(164, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(164, 182,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3783, 44.6846, 50.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 181) }
```

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

```
.background{ background-color: rgb(164,  
182, 181) }
```

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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