

Converting Colors

XYZ(41.4207, 46.7694, 50.5603)

Have a look what the booklet for
XYZ(41.4207, 46.7694, 50.5603)
contains.

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Color

**XYZ(41.4207, 46.7694,
50.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BBB5
RGB	164, 187, 181
RGB Percent	64%, 73%, 71%
CMY	0.3569, 0.2667, 0.2902
CMYK	0.12, 0.00, 0.03, 0.27
HSL	164°, 14%, 69%
HSV	164°, 12%, 73%
XYZ	41.4207, 46.7694, 50.5603
YIQ	179.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

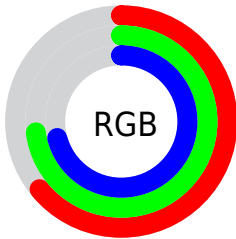
Format	Color
RYB	164, 177, 187
Decimal	10795957
CIELab	74.04, -9.03, 0.37
CIELCh	74, 9.041, 177.652
Yxy	46.7694, 0.2985, 0.3371
Android (android.graphics.Color)	4288986037 (0xFFA4BBB5)
YUV	179.4390, 0.7696, -13.5400
Hunter-Lab	68.3882, -11.5671, 4.0378

Details

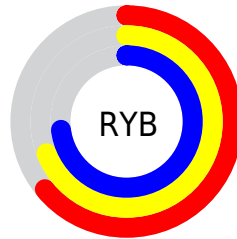
The XYZ color **41.4207, 46.7694, 50.5603** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0264, 40.0193, 43.5947**, and the grayscale version is **43.0836, 45.3273, 49.3615**.

A 20% lighter version of the original color is **76.5501, 85.2757, 92.5460**, and **19.1035, 22.0535, 23.6720** is the 20% darker color. If you saturate the color by 10%, you get **37.3499, 44.7290, 47.8021**, and if you desaturate by 10%, it is **46.0792, 49.1133, 53.4395**.

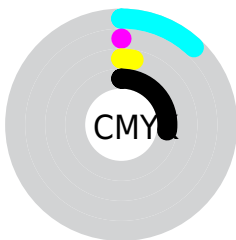
Distribution



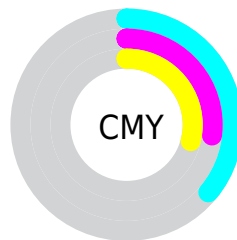
- Red (64%)
- Green (73%)
- Blue (71%)



- Red (64%)
- Yellow (69%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4207, 46.7694, 50.5603 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 41.4207, 46.7694, 50.5603 by changing the saturation by 10% instead.

■ 41.4207, 46.7694,
50.5603

■ 41.4207, 46.7694,
50.5603

343.1085,
373.8933, 405.6507

■ 28.8371, 32.8534,
35.4845

■ 76.5928, 85.3693,
92.4093

■ 19.1013, 22.0142,
23.7498

■ 99.9120, 110.8220,
120.0196

■ 11.8479, 13.8673,
14.9376

127.5404,
140.8890, 152.6452

■ 6.7117, 8.0284,
8.6295

159.8434,
175.9548, 190.7046

■ 3.3272, 4.1131,
4.4068

197.1864,
216.4038, 234.6162

■ 1.3290, 1.7371,
1.8511

239.9346,

■ 0.2048, 0.4475,

262.6202, 284.7988

0.4613

288.4536,
314.9886, 341.6708

■ 0.0000, 0.0000,
0.0000

■ 41.4207, 46.7694,
50.5603

■ 41.4207, 46.7694,
50.5603

■ 37.3499, 44.7290,
47.8021

■ 46.0792, 49.1133,
53.4395

■ 33.8379, 42.9733,
45.1598

■ 51.3447, 51.7669,
56.4387

■ 30.8595, 41.4908,
42.6321

■ 57.2407, 54.7434,
59.5607

■ 28.3857, 40.2664,
40.2168

■ 63.7879, 58.0535,
62.8075

■ 26.3849, 39.2839,
37.9115

■ 70.0793, 61.2297,
66.1375

■ 24.8216, 38.5250,
35.7135

■ 70.6793, 61.4697,
69.2972

■ 23.6555, 37.9689,
33.6198

■ 71.2979, 61.7171,
72.5545

■ 22.8380, 37.5908,
31.6273

■ 71.9352, 61.9720,
75.9105

■ 22.3733, 37.3833,
30.1580

■ 72.5914, 62.2345,
79.3658

Harmonies

Analogous

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



41.8798, 46.7694, 46.3104



41.4207, 46.7694, 50.5603



41.7576, 46.7694, 55.1655

Triad

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



41.4207, 46.7694, 50.5603



45.9103, 46.7694, 59.2181



46.1359, 46.7694, 43.7715

Complementary

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



41.4207, 46.7694, 50.5603



41.0264, 40.0193, 43.5947

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.



47.2618, 46.7694, 46.9055



41.4207, 46.7694, 50.5603



47.1293, 46.7694, 55.8341

Square

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



41.4207, 46.7694, 50.5603



44.3258, 46.7694, 60.3405



47.6296, 46.7694, 51.2893



44.5803, 46.7694, 42.5418

Rectangle

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



41.4207, 46.7694, 50.5603



42.3929, 46.7694, 57.7863



47.6296, 46.7694, 51.2893



46.5786, 46.7694, 44.6275

Sweetspot

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



41.4220, 46.7714, 50.5613



80.9742, 87.1776, 94.7803



41.0791, 46.7840, 41.9879



17.6876, 19.1254, 20.7852



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.4220, 46.7714, 50.5613



71.9306, 82.6324, 89.0749



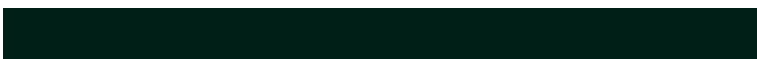
40.9340, 44.7881, 53.5036



9.6994, 10.7659, 11.6663



15.4455, 25.7685, 20.9403



0.6304, 1.0195, 0.9541

Inverse Universe

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



41.0264, 40.0193, 43.5947



71.0707, 67.9487, 73.9263



41.4522, 41.7591, 40.9983



9.6296, 9.5762, 10.4387



14.5250, 7.4412, 2.7923



0.5969, 0.3026, 0.2563

Previews

White Background



This preview shows how the XYZ color 41.4207, 46.7694, 50.5603 looks on a white background.

Color Contrast Check

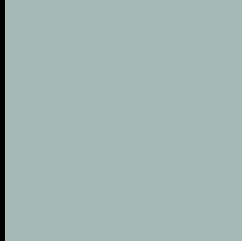
Large Text (above 18pt) WCAG AA × Fail

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 41.4207, 46.7694, 50.5603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

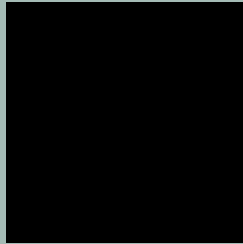
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4207, 46.7694, 50.5603

Background



This preview shows how black text looks on a background with the XYZ color 41.4207, 46.7694, 50.5603.



This preview shows how white text looks on a background with the XYZ color 41.4207, 46.7694,

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

41.4207, 46.7694, 50.5603

Protanopia

44.8095, 46.7012, 48.7720

Deuteranopia

47.3613, 46.4753, 51.2742



Tritanopia

43.3856, 46.6200, 60.7447

Trichromacy



Original Color

41.4207, 46.7694, 50.5603

Protanomaly

43.4303, 46.5866, 49.3509

Deuteranomaly

45.0145, 46.4590, 50.8509

Tritanomaly

42.5893, 46.6107, 56.6212

Monochromacy



Original Color

41.4207, 46.7694, 50.5603

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4217, 45.7499, 49.7748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4207, 46.7694, 50.5603 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, 187, 181)` looks like.

```
.text, #text, p{  
    color:rgb(164, 187, 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, 187, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 187, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.4207, 46.7694, 50.5603 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, 187, 181) }
```


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

```
.border{ border-color:rgb(164, 187, 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, 187, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 187, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 187, 181);  
box-shadow:4px 4px 4px 4px rgb(164, 187,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4207, 46.7694, 50.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 187, 181) }
```

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

```
.background{ background-color: rgb(164,  
187, 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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