

Converting Colors

XYZ(46.6203, 52.8335, 66.4842)

Have a look what the booklet for
XYZ(46.6203, 52.8335, 66.4842)
contains.

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Color

**XYZ(46.5608, 52.6797,
66.7457)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A3C6CF |
| RGB | 163, 198, 207 |
| RGB Percent | 64%, 78%, 81% |
| CMY | 0.3608, 0.2235, 0.1882 |
| CMYK | 0.21, 0.04, 0.00, 0.19 |
| HSL | 192°, 31%, 73% |
| HSV | 192°, 21%, 81% |
| XYZ | 46.5608, 52.6797, 66.7457 |
| YIQ | 188.5610, -23.7490, -4.6210 |

Conversions

Conversions Part 2

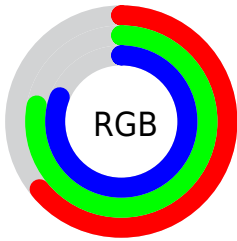
| Format | Color |
|-------------------------------------|--|
| RYB | 163, 182, 207 |
| Decimal | 10733263 |
| CIELab | 77.69, -9.66, -8.37 |
| CIELCh | 78, 12.785, 220.893 |
| Yxy | 52.6797, 0.2805, 0.3174 |
| Android (android.graphics.Color) | 4288923343 (0xFFA3C6CF) |
| YUV | 188.5610, 9.0904, -22.4170 |
| Hunter-Lab | 72.5808, -12.5081, -3.7169 |

Details

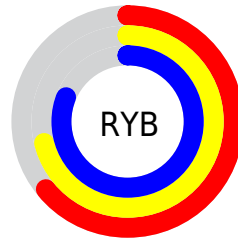
The XYZ color **46.5608, 52.6797, 66.7457** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.0960, 45.4148, 40.9350**, and the grayscale version is **48.0799, 50.5838, 55.0857**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **22.1534, 25.5614, 33.9032** is the 20% darker color. If you saturate the color by 10%, you get **41.7108, 48.7644, 66.2465**, and if you desaturate by 10%, it is **52.1347, 57.0110, 67.2888**.

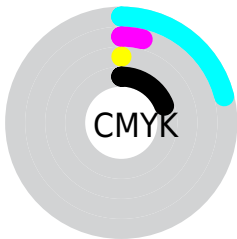
Distribution



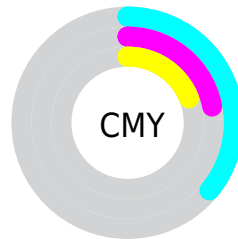
- Red (64%)
- Green (78%)
- Blue (81%)



- Red (64%)
- Yellow (71%)
- Blue (81%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)





- Cyan (36%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5608, 52.6797, 66.7457 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 46.5608, 52.6797, 66.7457 by changing the saturation by 10% instead.


 46.5608, 52.6797,
66.7457

 46.5608, 52.6797,
66.7457


363.7369,
397.0550, 467.5159

 32.8951, 37.5471,
48.4177

 84.2804, 94.1329,
116.1931

 22.2049, 25.6314,
33.7954


 109.0650,
121.2223, 148.1496

 14.1250, 16.5481,
22.4604


138.2866,
153.0661, 185.4861

 8.2899, 9.9128,
13.9941

172.3105,
190.0487, 228.6210

 4.3344, 5.3412,
7.9778

211.5022,
232.5545, 277.9728

 1.8930, 2.4488,
3.9932

256.2269,

 0.5728, 0.8508,

280.9679, 333.9603

1.6216

306.8500,
335.6733, 397.0018

■ 0.0000, 0.0000,
0.3062

■ 0.0000, 0.0000,
0.0000

■ 46.5608, 52.6797,
66.7457

■ 46.5608, 52.6797,
66.7457

■ 41.7108, 48.7644,
66.2465

■ 52.1347, 57.0110,
67.2888

■ 37.5460, 45.2408,
65.7858

■ 58.4595, 61.7686,
67.8738

■ 34.0314, 42.0919,
65.3633

■ 65.5665, 66.9701,
68.5032

■ 31.1266, 39.2965,
64.9768

■ 73.4836, 72.6304,
69.1784

■ 28.7866, 36.8312,
64.6243

■ 77.8782, 76.5161,
69.6968

■ 26.9601, 34.6690,
64.3032

■ 78.9978, 78.7553,
70.0700

■ 25.5857, 32.7781,
64.0107

■ 80.1456, 81.0510,
70.4526

■ 24.6587, 31.2972,
63.7737

■ 81.3220, 83.4037,
70.8448

■ 82.5270, 85.8137,
71.2464

Harmonies

Analogous

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



45.5441, 52.6797, 59.9719



46.5608, 52.6797, 66.7457



48.5299, 52.6797, 71.2156

Triad

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



46.5608, 52.6797, 66.7457



54.7000, 52.6797, 61.9340



49.1771, 52.6797, 44.9971

Complementary

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



46.5608, 52.6797, 66.7457



47.0960, 45.4148, 40.9350

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.



51.6434, 52.6797, 45.4280



46.5608, 52.6797, 66.7457



54.8872, 52.6797, 54.8236

Square

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



46.5608, 52.6797, 66.7457



53.2488, 52.6797, 68.2834



53.7522, 52.6797, 48.8968



47.0212, 52.6797, 47.6671

Rectangle

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



46.5608, 52.6797, 66.7457



50.1447, 52.6797, 72.0840



53.7522, 52.6797, 48.8968



49.9964, 52.6797, 44.7901

Sweetspot

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



46.5624, 52.6819, 66.7469



88.6534, 95.2328, 108.3170



44.8452, 55.3840, 47.2567



18.8323, 20.2760, 23.1710



0.0000, 0.0000, 0.0000



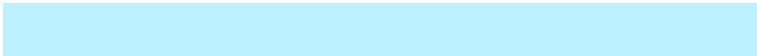
20.3446, 21.4041, 23.3091

Same Dimension

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



46.5624, 52.6819, 66.7469



70.5484, 81.1734, 106.5575



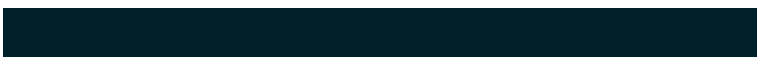
41.9323, 43.4217, 65.2035



11.9445, 12.9793, 15.1194



15.6051, 19.8567, 40.2027



0.9257, 1.2165, 2.2656

Inverse Universe

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



49.0236, 43.5381, 59.2484



75.3165, 63.9036, 91.9311



51.5912, 54.4053, 42.4334



12.2029, 11.9659, 14.3443



20.5074, 10.0758, 23.3761



1.1735, 0.5741, 1.4482

Previews

White Background



This preview shows how the XYZ color 46.5608, 52.6797, 66.7457 looks on a white background.

Color Contrast Check

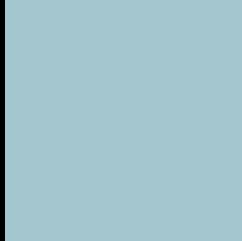
Large Text (above 18pt) WCAG AA × Fail

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 46.5608, 52.6797, 66.7457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

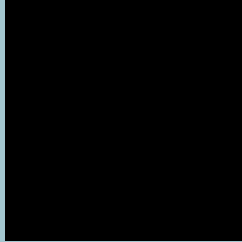
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5608, 52.6797, 66.7457

Background



This preview shows how black text looks on a background with the XYZ color 46.5608, 52.6797, 66.7457.



This preview shows how white text looks on a background with the XYZ color 46.5608, 52.6797,

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

46.5608, 52.6797, 66.7457

Protanopia

50.8124, 52.2976, 63.2935

Deuteranopia

53.4247, 52.2778, 67.5964



Tritanopia

47.2863, 52.6291, 70.6170

Trichromacy



Original Color

46.5608, 52.6797, 66.7457

Protanomaly

49.0251, 52.3233, 64.6423

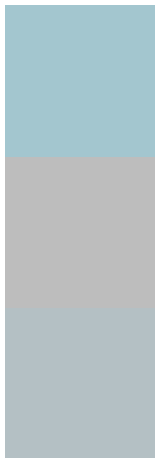
Deuteranomaly

50.5377, 52.0723, 67.0619

Tritanomaly

47.0340, 52.5282, 69.2880

Monochromacy



Original Color

46.5608, 52.6797, 66.7457

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.6358, 51.3881, 59.6328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5608, 52.6797, 66.7457 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(163, 198, 207)` looks like.

```
.text, #text, p{  
    color:rgb(163, 198, 207)  
}
```

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(163, 198, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 198, 207) }
```

Border

The CSS property to change the border of an element to XYZ 46.5608, 52.6797, 66.7457 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(163, 198, 207) }
```


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

```
.border{ border-color:rgb(163, 198, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 198, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 198, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 198, 207);  
box-shadow:4px 4px 4px 4px rgb(163, 198,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5608, 52.6797, 66.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 198, 207) }
```

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

```
.background{ background-color: rgb(163,  
198, 207) }
```

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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