

Converting Colors

XYZ(41.3730, 46.2213, 50.4816)

Have a look what the booklet for
XYZ(41.3730, 46.2213, 50.4816)
contains.

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Color

**XYZ(41.2065, 46.0335,
50.4296)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B9B5
RGB	165, 185, 181
RGB Percent	65%, 73%, 71%
CMY	0.3529, 0.2745, 0.2902
CMYK	0.11, 0.00, 0.02, 0.27
HSL	168°, 13%, 69%
HSV	168°, 11%, 73%
XYZ	41.2065, 46.0335, 50.4296
YIQ	178.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

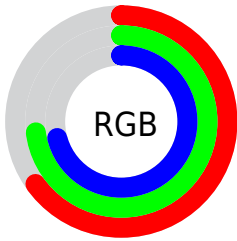
Format	Color
RYB	165, 176, 185
Decimal	10860981
CIELab	73.57, -7.64, -0.31
CIELCh	74, 7.648, 182.357
Yxy	46.0335, 0.2993, 0.3344
Android (android.graphics.Color)	4289051061 (0xFFA5B9B5)
YUV	178.5640, 1.2009, -11.8956
Hunter-Lab	67.8480, -10.3246, 3.4249

Details

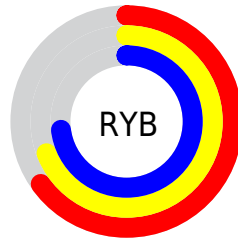
The XYZ color **41.2065, 46.0335, 50.4296** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6258, 40.0903, 43.1352**, and the grayscale version is **42.6148, 44.8341, 48.8243**.

A 20% lighter version of the original color is **76.2566, 84.2407, 92.3617**, and **18.9576, 21.5718, 23.5867** is the 20% darker color. If you saturate the color by 10%, you get **37.2588, 44.0430, 48.2888**, and if you desaturate by 10%, it is **45.7236, 48.3189, 52.6516**.

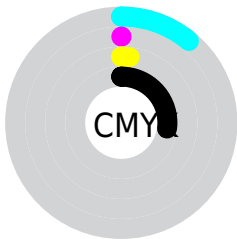
Distribution



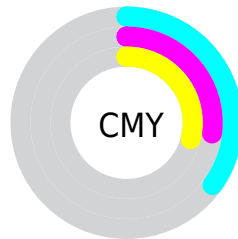
- Red (65%)
- Green (73%)
- Blue (71%)



- Red (65%)
- Yellow (69%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (35%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2065, 46.0335, 50.4296 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 41.2065, 46.0335, 50.4296 by changing the saturation by 10% instead.

■ 41.2065, 46.0335,
50.4296

■ 41.2065, 46.0335,
50.4296

342.2308,
370.9433, 405.1267

■ 28.6689, 32.2723,
35.3813

■ 76.2700, 84.2691,
92.2139

■ 18.9735, 21.5695,
23.6708

■ 99.5266, 109.5123,
119.7870

■ 11.7550, 13.5409,
14.8797

127.0868,
139.3516, 152.3721

■ 6.6481, 7.8021,
8.5893

159.3161,
174.1714, 190.3878

■ 3.2874, 3.9686,
4.3812

196.5798,
214.3560, 234.2525

■ 1.3075, 1.6560,
1.8367

239.2432,

■ 0.1888, 0.3949,

260.2900, 284.3849

0.4520

287.6718,
312.3576, 341.2034

■ 0.0000, 0.0000,
0.0000

■ 41.2065, 46.0335,
50.4296

■ 41.2065, 46.0335,
50.4296

■ 37.2588, 44.0430,
48.2888

■ 45.7236, 48.3189,
52.6516

■ 33.8527, 42.3292,
46.2248

■ 50.8285, 50.9049,
54.9533

■ 30.9640, 40.8810,
44.2368


■ 56.5438, 53.8045,
57.3371


■ 28.5648, 39.6841,
42.3232


■ 62.8897, 57.0279,
59.8043


■ 26.6250, 38.7228,
40.4822


■ 68.9583, 60.1071,
62.3128


 25.1107, 37.9798,
38.7118

 69.3950, 60.2818,
64.6123


 23.9836, 37.4352,
37.0097

 69.8422, 60.4607,
66.9674

 23.1981, 37.0657,
35.3733

 70.3001, 60.6438,
69.3784

 22.6937, 36.8372,
33.9236

 70.7686, 60.8312,
71.8456

Harmonies

Analogous

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



41.4902, 46.0335, 46.7464



41.2065, 46.0335, 50.4296



41.5935, 46.0335, 54.2148

Triad

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



41.2065, 46.0335, 50.4296



45.1599, 46.0335, 56.6801



44.9710, 46.0335, 43.8109

Complementary

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



41.2065, 46.0335, 50.4296



40.6258, 40.0903, 43.1352

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.



45.9869, 46.0335, 46.2418



41.2065, 46.0335, 50.4296



46.0976, 46.0335, 53.6577

Square

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



41.2065, 46.0335, 50.4296



43.8605, 46.0335, 57.9375



46.4033, 46.0335, 49.8170



43.6466, 46.0335, 43.0442

Rectangle

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



41.2065, 46.0335, 50.4296



42.1845, 46.0335, 56.2537



46.4033, 46.0335, 49.8170



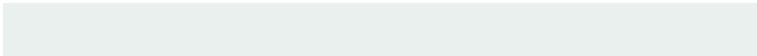
45.3608, 46.0335, 44.4541

Sweetspot

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



41.2078, 46.0354, 50.4306



79.9870, 85.5732, 93.3916



40.5757, 45.8885, 42.3168



17.0992, 18.3748, 20.0638



88.6918, 93.3107, 101.6153



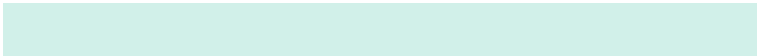
17.8044, 18.7317, 20.3988

Same Dimension

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



41.2078, 46.0354, 50.4306



72.0105, 81.5416, 89.3826



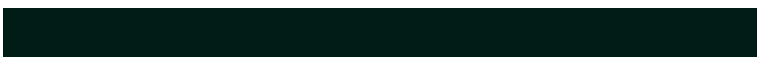
40.4624, 43.8778, 52.2380



9.1876, 10.1790, 11.1451



15.4779, 25.0921, 23.2364



0.5655, 0.8925, 0.9238

Inverse Universe

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



40.6258, 40.0903, 43.1352



70.7578, 68.7426, 73.6777



41.3007, 42.0323, 41.5342



9.0761, 9.0408, 9.7484



13.8724, 7.1227, 1.9489



0.5110, 0.2599, 0.1844

Previews

White Background



This preview shows how the XYZ color 41.2065, 46.0335, 50.4296 looks on a white background.

Color Contrast Check

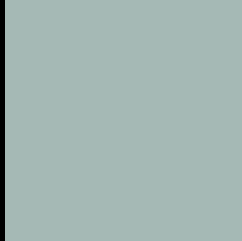
Large Text (above 18pt) WCAG AA × Fail

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 41.2065, 46.0335, 50.4296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

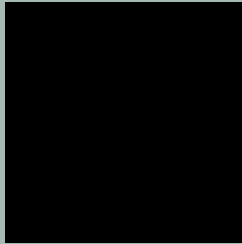
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2065, 46.0335, 50.4296

Background



This preview shows how black text looks on a background with the XYZ color 41.2065, 46.0335, 50.4296.

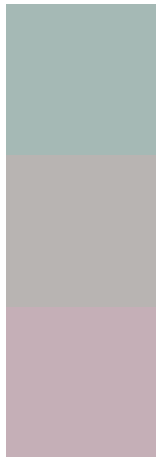


This preview shows how white text looks on a background with the XYZ color 41.2065, 46.0335,

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

41.2065, 46.0335, 50.4296

Protanopia

44.1243, 46.0472, 48.6819

Deuteranopia

46.9032, 45.9492, 51.1968



Tritanopia

43.1600, 46.2230, 59.4705

Trichromacy



Original Color

41.2065, 46.0335, 50.4296

Protanomaly

42.9961, 46.0577, 49.2717

Deuteranomaly

44.5712, 45.9319, 50.7726

Tritanomaly

42.4808, 46.2581, 55.9799

Monochromacy



Original Color

41.2065, 46.0335, 50.4296

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.2177, 45.3417, 49.7067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2065, 46.0335, 50.4296 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(165, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(165, 185, 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(165, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 185, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.2065, 46.0335, 50.4296 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(165, 185, 181) }
```


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

```
.border{ border-color:rgb(165, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(165, 185,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2065, 46.0335, 50.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 185, 181) }
```

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

```
.background{ background-color: rgb(165,  
185, 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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