

Converting Colors

XYZ(41.3664, 48.1784, 43.8593)

Have a look what the booklet for
XYZ(41.3664, 48.1784, 43.8593)
contains.

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Color

**XYZ(41.3317, 48.1586,
43.6763)**

Conversions

Conversions Part 1	
Format	Color
Hex	A6BFA7
RGB	166, 191, 167
RGB Percent	65%, 75%, 65%
CMY	0.3490, 0.2510, 0.3451
CMYK	0.13, 0.00, 0.13, 0.25
HSL	122°, 16%, 70%
HSV	122°, 13%, 75%
XYZ	41.3317, 48.1586, 43.6763
YIQ	180.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

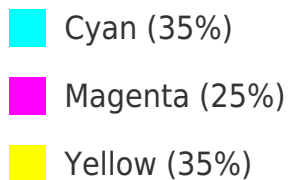
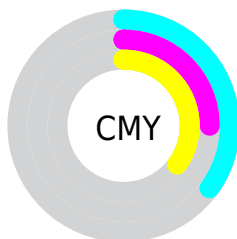
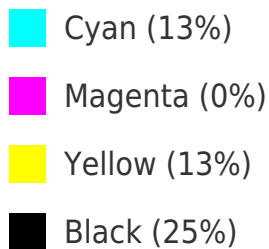
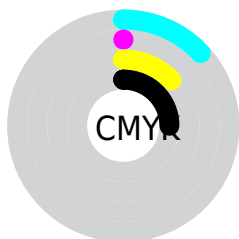
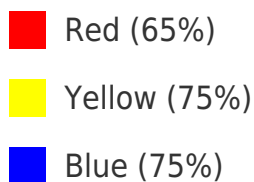
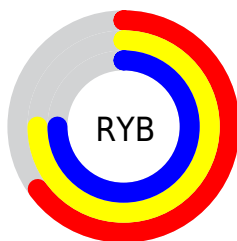
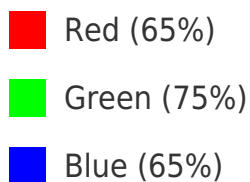
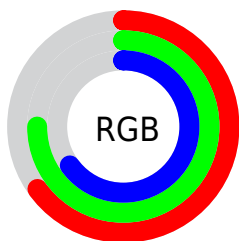
Format	Color
RYB	166, 190, 191
Decimal	10928039
CIELab	74.92, -13.11, 9.27
CIELCh	75, 16.055, 144.745
Yxy	48.1586, 0.3104, 0.3616
Android (android.graphics.Color)	4289118119 (0xFFA6BFA7)
YUV	180.7890, -6.7980, -12.9700
Hunter-Lab	69.3964, -15.1311, 11.2619

Details

The XYZ color **41.3317, 48.1586, 43.6763** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4180, 42.0676, 54.4962**, and the grayscale version is **43.8464, 46.1298, 50.2354**.

A 20% lighter version of the original color is **76.2644, 87.1676, 81.9127**, and **19.1224, 22.9922, 19.6497** is the 20% darker color. If you saturate the color by 10%, you get **36.0447, 45.6166, 35.1990**, and if you desaturate by 10%, it is **47.4565, 51.1074, 53.4495**.

Distribution



Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3317, 48.1586, 43.6763 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 41.3317, 48.1586, 43.6763 by changing the saturation by 10% instead.


 41.3317, 48.1586,
43.6763


 41.3317, 48.1586,
43.6763


342.7440,
379.4204, 377.3883

 28.7672, 33.9525,
30.0808

 76.4587, 87.4405,
82.0277

 19.0482, 22.8571,
19.6473


 99.7519, 113.2851,
107.6207

 11.8093, 14.4880,
11.9574


127.3520,
143.7780, 138.0499

 6.6852, 8.4609,
6.5925

159.6244,
179.3035, 173.7339

 3.3106, 4.3912,
3.1340

196.9345,
220.2461, 215.0912

 1.3201, 1.8947,
1.1635


239.6475,

 0.1982, 0.5452,


266.9902, 262.5403


0.0000


288.1289,
319.9202, 316.4998


 0.0000, 0.0000,
0.0000

 41.3317, 48.1586,
43.6763


 41.3317, 48.1586,
43.6763


 36.0447, 45.6166,
35.1990

 47.4565, 51.1074,
53.4495


 31.5552, 43.4577,
27.9601


 54.4489, 54.4734,
64.5665


 27.8258, 41.6654,
21.9028

 62.3425, 58.2740,
77.0764

 24.8143, 40.2191,
16.9643

 71.1677, 62.5239,
91.0253

 22.4747, 39.0966,
13.0761

 77.9217, 65.7435,
103.1906

■ 20.7553, 38.2729,
10.1623

■ 19.5971, 37.7195,
8.1367

■ 18.9297, 37.4022,
6.8981

■ 18.6736, 37.2802,
6.4311

Harmonies

Analogous

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



43.4588, 48.1586, 39.1241



41.3317, 48.1586, 43.6763



40.3971, 48.1586, 50.9749

Triad

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



41.3317, 48.1586, 43.6763



45.2600, 48.1586, 70.1708



51.0745, 48.1586, 45.9780

Complementary

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



41.3317, 48.1586, 43.6763



44.4180, 42.0676, 54.4962

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.



51.6065, 48.1586, 53.9259



41.3317, 48.1586, 43.6763



48.1686, 48.1586, 68.4706

Square

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



41.3317, 48.1586, 43.6763



42.6025, 48.1586, 66.7230



50.5222, 48.1586, 62.2962



49.0977, 48.1586, 40.3505

Rectangle

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



41.3317, 48.1586, 43.6763



40.5460, 48.1586, 56.6448



50.5222, 48.1586, 62.2962



51.4317, 48.1586, 48.4421

Sweetspot

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



41.3330, 48.1607, 43.6774



83.8563, 90.9833, 93.9167



46.7927, 50.9859, 43.4519



18.2212, 19.8863, 20.3159



92.9021, 97.7402, 106.4391



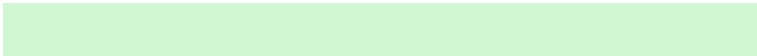
19.4759, 20.4902, 22.3138

Same Dimension

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



41.3330, 48.1607, 43.6774



70.8698, 84.7341, 73.1740



42.5286, 48.6389, 49.9730



9.4238, 10.6557, 10.2154



12.2786, 24.5017, 4.2638



0.4863, 0.9619, 0.1952

Inverse Universe

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



44.4180, 42.0676, 54.4962



77.5809, 71.4790, 96.7088



43.1260, 41.5508, 47.6927



9.9130, 9.6895, 11.9310



19.7692, 9.5388, 30.4081



0.7795, 0.3757, 1.2183

Previews

White Background



This preview shows how the XYZ color 41.3317, 48.1586, 43.6763 looks on a white background.

Color Contrast Check

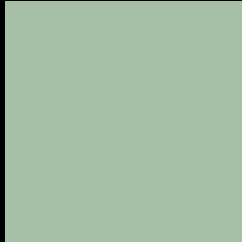
Large Text (above 18pt) WCAG AA × Fail

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 41.3317, 48.1586, 43.6763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

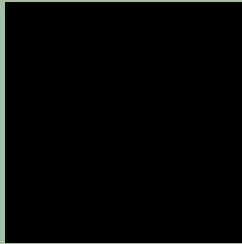
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

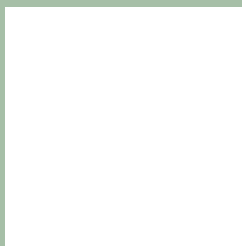
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3317, 48.1586, 43.6763

Background



This preview shows how black text looks on a background with the XYZ color 41.3317, 48.1586, 43.6763.



This preview shows how white text looks on a background with the XYZ color 41.3317, 48.1586,

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

41.3317, 48.1586, 43.6763

Protanopia

45.4896, 48.1318, 41.5431

Deuteranopia

48.9082, 48.0085, 44.7190



Tritanopia

45.1148, 48.1055, 62.1658

Trichromacy



Original Color
41.3317, 48.1586, 43.6763

Protanomaly
43.9996, 48.2883, 42.1235

Deuteranomaly
45.8331, 47.9380, 44.3734

Tritanomaly
43.7461, 48.1866, 55.1394

Monochromacy



Original Color
41.3317, 48.1586, 43.6763

Achromatopsia
43.9204, 46.2077, 50.3202

Achromatomaly
43.0899, 47.0626, 47.8872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3317, 48.1586, 43.6763 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(166, 191, 167)` looks like.

```
.text, #text, p{  
    color:rgb(166, 191, 167)  
}
```

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(166, 191, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 167) }
```

Border

The CSS property to change the border of an element to XYZ 41.3317, 48.1586, 43.6763 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(166, 191, 167) }
```


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

```
.border{ border-color:rgb(166, 191, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 191, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 191, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 191, 167);  
box-shadow:4px 4px 4px 4px rgb(166, 191,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3317, 48.1586, 43.6763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 167) }
```

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

```
.background{ background-color: rgb(166,  
191, 167) }
```

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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