

Converting Colors

XYZ(41.4017, 48.0678, 49.4096)

Have a look what the booklet for
XYZ(41.4017, 48.0678, 49.4096)
contains.

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Color

**XYZ(41.3646, 48.0530,
49.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BFB2
RGB	161, 191, 178
RGB Percent	63%, 75%, 70%
CMY	0.3686, 0.2510, 0.3020
CMYK	0.16, 0.00, 0.07, 0.25
HSL	154°, 19%, 69%
HSV	154°, 16%, 75%
XYZ	41.3646, 48.0530, 49.2145
YIQ	180.5480, -13.7070, -10.4030

Conversions

Conversions Part 2

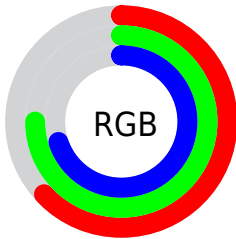
Format	Color
RYB	161, 180, 191
Decimal	10600370
CIELab	74.86, -12.72, 3.16
CIELCh	75, 13.111, 166.033
Yxy	48.0530, 0.2984, 0.3466
Android (android.graphics.Color)	4288790450 (0xFFA1BFB2)
YUV	180.5480, -1.2562, -17.1436
Hunter-Lab	69.3203, -14.7964, 6.4308

Details

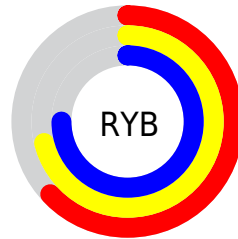
The XYZ color **41.3646, 48.0530, 49.2145** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8724, 39.6233, 45.4876**, and the grayscale version is **43.6900, 45.9653, 50.0562**.

A 20% lighter version of the original color is **76.4309, 87.0610, 90.6180**, and **19.0968, 22.9088, 22.8174** is the 20% darker color. If you saturate the color by 10%, you get **36.9996, 45.8973, 44.8023**, and if you desaturate by 10%, it is **46.3705, 50.5360, 53.9206**.

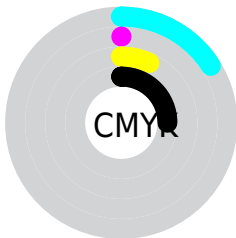
Distribution



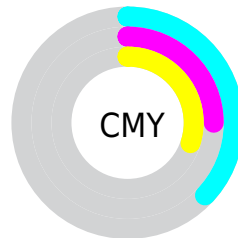
- Red (63%)
- Green (75%)
- Blue (70%)



- Red (63%)
- Yellow (71%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)





- Cyan (37%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3646, 48.0530, 49.2145 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 41.3646, 48.0530, 49.2145 by changing the saturation by 10% instead.


 41.3646, 48.0530,
49.2145


 41.3646, 48.0530,
49.2145


342.8788,
379.0022, 400.2329

 28.7930, 33.8689,
34.4229


 76.5083, 87.2833,
90.3942

 19.0678, 22.7929,
22.9387


 99.8111, 113.0983,
117.6194

 11.8236, 14.4406,
14.3433


127.4217,
143.5590, 149.8262

 6.6950, 8.4278,
8.2184

159.7054,
179.0498, 187.4331

 3.3167, 4.3699,
4.1452

197.0276,
219.9551, 230.8587

 1.3234, 1.8825,
1.7054

239.7537,

 0.2006, 0.5378,

266.6594, 280.5215

0.3644

288.2489,
319.5469, 336.8400

■ 0.0000, 0.0000,
0.0000

■ 41.3646, 48.0530,
49.2145

■ 41.3646, 48.0530,
49.2145

■ 36.9996, 45.8973,
44.8023

■ 46.3705, 50.5360,
53.9206

■ 33.2440, 44.0486,
40.6748

■ 52.0389, 53.3533,
58.9230

■ 30.0695, 42.4940,
36.8272

■ 58.3955, 56.5194,
64.2283

■ 27.4441, 41.2170,
33.2529

■ 65.4635, 60.0462,
69.8418

■ 25.3325, 40.1994,
29.9455

■ 72.7094, 63.6585,
75.7427

■ 23.6948, 39.4209,
26.8979

■ 73.8293, 64.1064,
81.6401

■ 22.4852, 38.8579,
24.1026

■ 75.0042, 64.5764,
87.8271

■ 21.6467, 38.4812,
21.5516

■ 76.2348, 65.0686,
94.3077

■ 21.3505, 38.3509,
20.5277

■ 77.5220, 65.5835,
101.0858

Harmonies

Analogous

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



42.4504, 48.0530, 43.7211



41.3646, 48.0530, 49.2145



41.4047, 48.0530, 56.0344

Triad

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



41.3646, 48.0530, 49.2145



46.9516, 48.0530, 65.9902



48.9320, 48.0530, 43.4245

Complementary

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



41.3646, 48.0530, 49.2145



41.8724, 39.6233, 45.4876

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.



50.2249, 48.0530, 48.7764



41.3646, 48.0530, 49.2145



49.0546, 48.0530, 61.9818

Square

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



41.3646, 48.0530, 49.2145



44.5748, 48.0530, 66.1334



50.2705, 48.0530, 55.5567



46.7890, 48.0530, 40.5805

Rectangle

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



41.3646, 48.0530, 49.2145



42.0631, 48.0530, 60.4361



50.2705, 48.0530, 55.5567



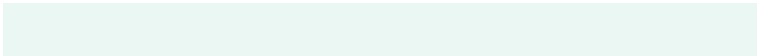
49.4836, 48.0530, 44.9680

Sweetspot

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



41.3659, 48.0550, 49.2156



83.6486, 90.8052, 97.1150



42.6326, 48.8932, 40.9092



18.2188, 19.8657, 21.1896



92.9021, 97.7402, 106.4391



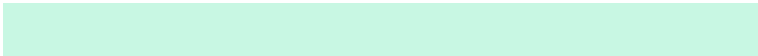
19.4759, 20.4902, 22.3138

Same Dimension

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



41.3659, 48.0550, 49.2156



71.1446, 84.6090, 85.2418



42.4088, 47.9514, 56.3129



9.6291, 10.7378, 11.2963



14.0716, 25.2189, 13.7060



0.5835, 1.0007, 0.7067

Inverse Universe

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



41.8724, 39.6233, 45.4876



72.2316, 66.5159, 77.2437



40.9289, 39.6679, 39.2183



9.6972, 9.6032, 10.7946



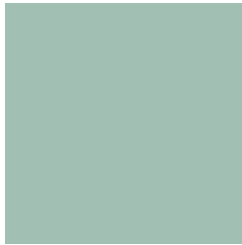
15.1795, 7.7030, 6.2388



0.6274, 0.3149, 0.4174

Previews

White Background



This preview shows how the XYZ color 41.3646, 48.0530, 49.2145 looks on a white background.

Color Contrast Check

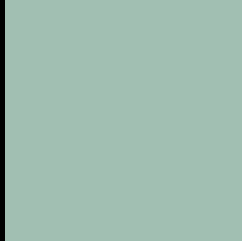
Large Text (above 18pt) WCAG AA × Fail

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 41.3646, 48.0530, 49.2145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

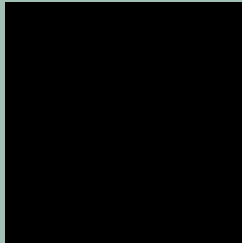
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3646, 48.0530, 49.2145

Background



This preview shows how black text looks on a background with the XYZ color 41.3646, 48.0530, 49.2145.



This preview shows how white text looks on a background with the XYZ color 41.3646, 48.0530,

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

41.3646, 48.0530, 49.2145

Protanopia

45.8087, 47.8701, 46.8699

Deuteranopia

48.8895, 47.8735, 50.3798



Tritanopia

43.9480, 47.8042, 62.7879

Trichromacy



Original Color

41.3646, 48.0530, 49.2145

Protanomaly

43.8872, 47.7967, 47.4700

Deuteranomaly

45.9107, 47.8536, 49.9969

Tritanomaly

42.9187, 47.7092, 57.3988

Monochromacy



Original Color

41.3646, 48.0530, 49.2145

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.0427, 46.9919, 49.9818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3646, 48.0530, 49.2145 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(161, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(161, 191, 178)  
}
```

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(161, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 191, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.3646, 48.0530, 49.2145 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(161, 191, 178) }
```


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

```
.border{ border-color:rgb(161, 191, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 191, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 191, 178);  
box-shadow:4px 4px 4px 4px rgb(161, 191,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3646, 48.0530, 49.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 191, 178) }
```

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

```
.background{ background-color: rgb(161,  
191, 178) }
```

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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