

Converting Colors

XYZ(41.0964, 46.0000, 36.1708)

Have a look what the booklet for
XYZ(41.0964, 46.0000, 36.1708)
contains.

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Color

**XYZ(41.0865, 45.9803,
35.9878)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B897
RGB	178, 184, 151
RGB Percent	70%, 72%, 59%
CMY	0.3020, 0.2784, 0.4078
CMYK	0.03, 0.00, 0.18, 0.28
HSL	71°, 19%, 66%
HSV	71°, 18%, 72%
XYZ	41.0865, 45.9803, 35.9878
YIQ	178.4440, 7.0170, -11.5350

Conversions

Conversions Part 2

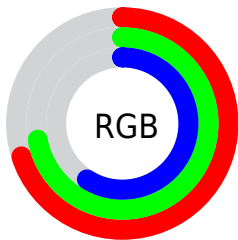
Format	Color
RYB	151, 184, 157
Decimal	11712663
CIELab	73.53, -7.86, 16.09
CIELCh	74, 17.904, 116.042
Yxy	45.9803, 0.3339, 0.3737
Android (android.graphics.Color)	4289902743 (0xFFB2B897)
YUV	178.4440, -13.5299, -0.3894
Hunter-Lab	67.8088, -10.5091, 15.9995

Details

The XYZ color **41.0865, 45.9803, 35.9878** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6248, 32.7633, 49.9016**, and the grayscale version is **42.6201, 44.8396, 48.8304**.

A 20% lighter version of the original color is **76.1112, 84.2204, 70.0023**, and **18.8740, 21.5127, 15.2142** is the 20% darker color. If you saturate the color by 10%, you get **38.9490, 45.0392, 28.6867**, and if you desaturate by 10%, it is **43.4785, 47.0284, 44.5202**.

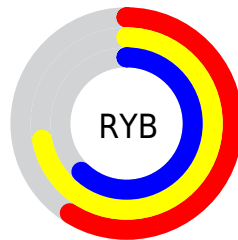
Distribution



Red (70%)

Green (72%)

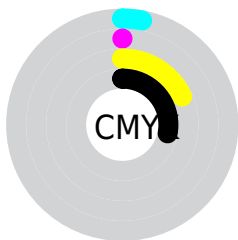
Blue (59%)



Red (59%)

Yellow (72%)

Blue (62%)

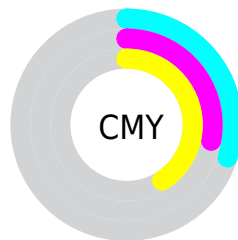


Cyan (3%)

Magenta (0%)

Yellow (18%)

Black (28%)



Cyan (30%)

Magenta (28%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0865, 45.9803, 35.9878 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 41.0865, 45.9803, 35.9878 by changing the saturation by 10% instead.

■ 41.0865, 45.9803,
35.9878

■ 41.0865, 45.9803,
35.9878

341.7384,
370.7294, 343.9430

■ 28.5746, 32.2303,
24.1352

■ 76.0891, 84.1895,
70.1821

■ 18.9019, 21.5374,
15.2208

■ 99.3105, 109.4175,
93.3608

■ 11.7030, 13.5174,
8.8261

126.8325,
139.2402, 121.1519

■ 6.6126, 7.7858,
4.5327

159.0204,
174.0422, 153.9740

■ 3.2652, 3.9582,
1.9219

196.2396,
214.2077, 192.2456

■ 1.2955, 1.6502,
0.5066

238.8554,

■ 0.1798, 0.3911,

260.1211, 236.3853

0.0000

287.2333,
312.1669, 286.8116

■ 0.0000, 0.0000,
0.0000

■ 41.0865, 45.9803,
35.9878

■ 41.0865, 45.9803,
35.9878

■ 38.9490, 45.0392,
28.6867

■ 43.4785, 47.0284,
44.5202

■ 37.0514, 44.1946,
22.5572

■ 46.1314, 48.1816,
54.3340

■ 35.3832, 43.4440,
17.5388


■ 49.0563, 49.4458,
65.4804

■ 33.9314, 42.7820,
13.5648


■ 52.2621, 50.8245,
78.0065


■ 32.6820, 42.2031,
10.5611


■ 55.7576, 52.3213,
91.9574


 31.6188, 41.7008,
8.4439


 58.5025, 53.5202,
101.8548

 30.7231, 41.2675,
7.1153

 59.3952, 53.9804,
101.8965

 29.9659, 40.8917,
6.4226

 60.3076, 54.4507,
101.9392

 29.8170, 40.8173,
6.3070

 61.2396, 54.9312,
101.9828

Harmonies

Analogous

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



44.1241, 45.9803, 34.6196



41.0865, 45.9803, 35.9878



38.8494, 45.9803, 40.9511

Triad

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



41.0865, 45.9803, 35.9878



40.3926, 45.9803, 65.9482



50.0561, 45.9803, 51.2767

Complementary

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



41.0865, 45.9803, 35.9878



33.6248, 32.7633, 49.9016

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.



48.9447, 45.9803, 60.4392



41.0865, 45.9803, 35.9878



43.2844, 45.9803, 69.5314

Square

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



41.0865, 45.9803, 35.9878



38.4626, 45.9803, 58.1086



46.4281, 45.9803, 67.4036



49.3988, 45.9803, 42.7997

Rectangle

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



41.0865, 45.9803, 35.9878



38.0618, 45.9803, 45.9794



46.4281, 45.9803, 67.4036



49.8756, 45.9803, 54.3852

Sweetspot

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



41.0877, 45.9823, 35.9888



80.1347, 85.8234, 85.5335



37.3272, 36.3711, 34.3318



17.2049, 18.4711, 18.1808



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.



41.0877, 45.9823, 35.9888



72.7052, 82.5707, 59.1004



37.6283, 44.1989, 35.8269



9.5856, 10.4185, 9.6127



20.6031, 28.1576, 4.3491



0.7686, 1.0144, 0.1553

Inverse Universe

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



33.6248, 32.7633, 49.9016



56.3575, 53.6106, 89.5821



36.9534, 34.4793, 50.0574



8.6695, 8.7960, 11.3203



6.4498, 2.6362, 31.4220



0.2741, 0.1170, 1.1099

Previews

White Background



This preview shows how the XYZ color 41.0865, 45.9803, 35.9878 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 41.0865, 45.9803, 35.9878 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

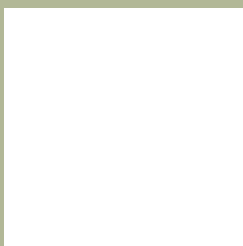
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0865, 45.9803, 35.9878

Background



This preview shows how black text looks on a background with the XYZ color 41.0865, 45.9803, 35.9878.



This preview shows how white text looks on a background with the XYZ color 41.0865, 45.9803,

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

41.0865, 45.9803, 35.9878

Protanopia

43.2319, 45.8888, 35.0126

Deuteranopia

46.8982, 45.9819, 36.5406



Tritanopia

45.2020, 45.8369, 56.3342

Trichromacy



Original Color

41.0865, 45.9803, 35.9878

Protanomaly

42.2786, 45.6889, 35.4447

Deuteranomaly

44.6138, 45.9781, 36.2290

Tritanomaly

43.5485, 45.7619, 48.1327

Monochromacy



Original Color

41.0865, 45.9803, 35.9878

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7492, 44.9346, 43.5186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0865, 45.9803, 35.9878 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(178, 184, 151)` looks like.

```
.text, #text, p{  
    color:rgb(178, 184, 151)  
}
```

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(178, 184, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 184, 151) }
```

Border

The CSS property to change the border of an element to XYZ 41.0865, 45.9803, 35.9878 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(178, 184, 151) }
```


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

```
.border{ border-color:rgb(178, 184, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 184, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 184, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 184, 151);  
box-shadow:4px 4px 4px 4px rgb(178, 184,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0865, 45.9803, 35.9878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 184, 151) }
```

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

```
.background{ background-color: rgb(178,  
184, 151) }
```

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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