

Converting Colors

XYZ(40.6207, 53.1862, 6.4349)

Have a look what the booklet for
XYZ(40.6207, 53.1862, 6.4349)
contains.

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Color

**XYZ(40.8843, 53.1308,
8.1004)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CC00
RGB	182, 204, 0
RGB Percent	71%, 80%, 0%
CMY	0.2863, 0.2000, 0.9999
CMYK	0.11, 0.00, 1.00, 0.20
HSL	66°, 100%, 40%
HSV	66°, 100%, 80%
XYZ	40.8843, 53.1308, 8.1004
YIQ	174.1660, 52.3720, -68.1080

Conversions

Conversions Part 2

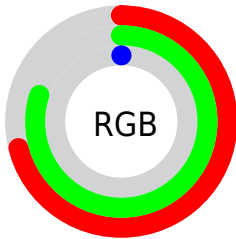
Format	Color
RYB	0, 204, 22
Decimal	11979776
CIELab	77.95, -27.53, 77.87
CIELCh	78, 82.594, 109.471
Yxy	53.1308, 0.4004, 0.5203
Android (android.graphics.Color)	4290169856 (0xFFB6CC00)
YUV	174.1660, -85.8638, 6.8704
Hunter-Lab	72.8909, -27.4389, 44.4347

Details

The XYZ color **40.8843, 53.1308, 8.1004** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **11.2314, 4.5313, 57.4126**, and the grayscale version is **40.7291, 42.8502, 46.6639**.

A 20% lighter version of the original color is **73.9782, 91.0373, 22.0604**, and **19.2185, 26.0978, 4.0245** is the 20% darker color. If you saturate the color by 10%, you get **40.8848, 53.1329, 8.1008**, and if you desaturate by 10%, it is **41.5394, 53.4553, 8.8103**.

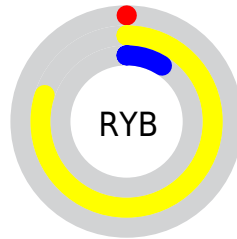
Distribution



Red (71%)

Green (80%)

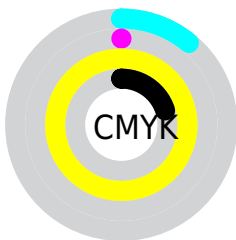
Blue (0%)



Red (0%)

Yellow (80%)

Blue (9%)

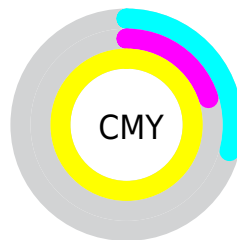


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (29%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8843, 53.1308, 8.1004 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 40.8843, 53.1308, 8.1004 by changing the saturation by 10% instead.


 40.8843, 53.1308,
8.1004


 40.8843, 53.1308,
8.1004


340.9077,
398.7867, 186.4813

 28.4160, 37.9072,
4.0706


 75.7840, 94.7968,
22.7044


 18.7815, 25.9107,
1.6641


 98.9462, 122.0080,
34.1157

 11.6156, 16.7568,
0.3360


 126.4036,
153.9839, 48.8246

 6.5528, 10.0613,
0.0000

 158.5217,
191.1088, 67.2496

 3.2279, 5.4396,
0.0000

 195.6657,
233.7671, 89.8092

 1.2754, 2.5074,
0.0000

 238.2012,

 0.1647, 0.8804,

282.3433, 116.9220

0.0000

286.4934,
337.2217, 149.0065

■ 0.0000, 0.0000,
0.0000

■ 40.8843, 53.1308,
8.1004

■ 40.8843, 53.1308,
8.1004

■ 40.8848, 53.1329,
8.1008

■ 41.5394, 53.4553,
8.8103

■ 42.3386, 53.8364,
10.2417

■ 43.3301, 54.2955,
12.6430

■ 44.5391, 54.8425,
16.1462

■ 45.9868, 55.4859,
20.8631

■ 47.6919, 56.2332,
26.8915

■ 49.6711, 57.0912,
34.3195

■ 51.9396, 58.0658,
43.2274

■ 54.5117, 59.1629,
53.6894

Harmonies

Analogous

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



56.3585, 53.1308, 7.1752



40.8843, 53.1308, 8.1004



30.4667, 53.1308, 17.2952

Triad

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



40.8843, 53.1308, 8.1004



32.9640, 53.1308, 154.5434



87.3758, 53.1308, 75.5743

Complementary

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



40.8843, 53.1308, 8.1004



11.2314, 4.5313, 57.4126

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.



77.8130, 53.1308, 136.5125



40.8843, 53.1308, 8.1004



45.0608, 53.1308, 195.7516

Square

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



40.8843, 53.1308, 8.1004



26.6105, 53.1308, 92.6437



61.5145, 53.1308, 187.8136



85.5912, 53.1308, 33.0833

Rectangle

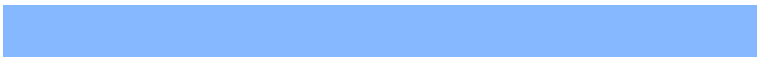
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.8843, 53.1308, 8.1004



26.7381, 53.1308, 32.0362



61.5145, 53.1308, 187.8136



85.3140, 53.1308, 94.7622

Sweetspot

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



40.8855, 53.1332, 8.1015



82.1149, 94.4827, 56.2922



25.1610, 13.3534, 1.2520



17.2658, 20.0891, 10.8706



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.



40.8855, 53.1332, 8.1015



67.5936, 87.9308, 13.4098



25.0406, 44.9649, 7.3600



12.0300, 13.0329, 11.9610



25.7799, 33.4653, 5.1007



1.3649, 1.7445, 0.2648

Inverse Universe

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



11.2314, 4.5313, 57.4126



18.5156, 7.4600, 95.0718



18.9845, 8.5281, 57.7754



10.7122, 10.9010, 14.1099



7.1073, 2.8715, 36.1359



0.4056, 0.1682, 1.8660

Previews

White Background



This preview shows how the XYZ color 40.8843, 53.1308, 8.1004 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 40.8843, 53.1308, 8.1004 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 40.8843, 53.1308, 8.1004

Background



This preview shows how black text looks on a background with the XYZ color 40.8843, 53.1308, 8.1004.



This preview shows how white text looks on a background with the XYZ color 40.8843, 53.1308,

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

40.8843, 53.1308, 8.1004

Protanopia

47.6852, 52.8916, 7.6958

Deuteranopia

53.9788, 52.6261, 8.8262



Tritanopia

52.4589, 53.1050, 65.2430

Trichromacy



Original Color

40.8843, 53.1308, 8.1004

Protanomaly

44.8681, 52.7699, 7.8208

Deuteranomaly

48.3771, 52.2570, 8.2959

Tritanomaly

45.2826, 51.8484, 28.7402

Monochromacy



Original Color

40.8843, 53.1308, 8.1004

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.3497, 45.1927, 21.7408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8843, 53.1308, 8.1004 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(182, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 204, 0)  
}
```

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(182, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 204, 0) }
```

Border

The CSS property to change the border of an element to XYZ 40.8843, 53.1308, 8.1004 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(182, 204, 0) }
```


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

```
.border{ border-color:rgb(182, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 204,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8843, 53.1308, 8.1004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 204, 0) }
```

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

```
.background{ background-color: rgb(182,  
204, 0) }
```

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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