

Converting Colors

XYZ(41.4000, 53.3967, 8.1246)

Have a look what the booklet for
XYZ(41.4000, 53.3967, 8.1246)
contains.

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Color

**XYZ(41.3600, 53.3761,
8.1227)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CC00
RGB	184, 204, 0
RGB Percent	72%, 80%, 0%
CMY	0.2784, 0.2000, 0.9999
CMYK	0.10, 0.00, 1.00, 0.20
HSL	66°, 100%, 40%
HSV	66°, 100%, 80%
XYZ	41.3600, 53.3761, 8.1227
YIQ	174.7640, 53.5640, -67.6840

Conversions

Conversions Part 2

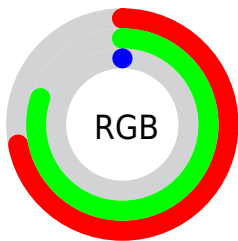
Format	Color
RYB	0, 204, 20
Decimal	12110848
CIELab	78.10, -26.69, 78.04
CIELCh	78, 82.482, 108.884
Yxy	53.3761, 0.4021, 0.5189
Android (android.graphics.Color)	4290300928 (0xFFB8CC00)
YUV	174.7640, -86.1587, 8.1000
Hunter-Lab	73.0589, -26.8011, 44.5494

Details

The XYZ color **41.3600, 53.3761, 8.1227** 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 **11.1891, 4.5094, 57.4108**, and the grayscale version is **41.0402, 43.1775, 47.0203**.

A 20% lighter version of the original color is **74.6685, 91.3932, 22.0927**, and **19.5105, 26.2483, 4.0381** is the 20% darker color. If you saturate the color by 10%, you get **41.3605, 53.3782, 8.1231**, and if you desaturate by 10%, it is **41.9739, 53.6794, 8.8307**.

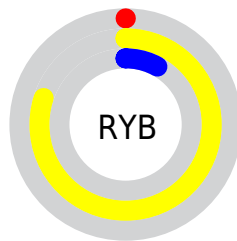
Distribution



Red (72%)

Green (80%)

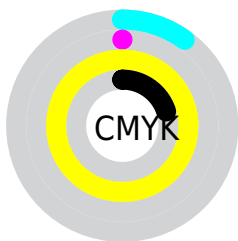
Blue (0%)



Red (0%)

Yellow (80%)

Blue (8%)

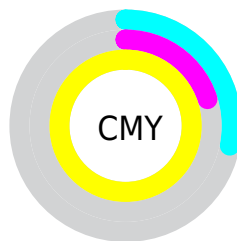


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (28%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3600, 53.3761, 8.1227 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 41.3600, 53.3761, 8.1227 by changing the saturation by 10% instead.


 41.3600, 53.3761,
8.1227


 41.3600, 53.3761,
8.1227


342.8599,
399.7264, 186.6617


 28.7894, 38.1031,
4.0847


 76.5013, 95.1576,
22.7488

 19.0650, 26.0627,
1.6719


 99.8028, 122.4348,
34.1739

 11.8216, 16.8706,
0.3414


 127.4119,
154.4823, 48.8984

 6.6936, 10.1422,
0.0000

 159.6941,
191.6843, 67.3410

 3.3159, 5.4934,
0.0000

 197.0146,
234.4254, 89.9200

 1.3229, 2.5395,
0.0000

 239.7388,

 0.2003, 0.8964,

283.0898, 117.0541

0.0000

288.2322,
338.0620, 149.1618

■ 0.0000, 0.0000,
0.0000

■ 41.3600, 53.3761,
8.1227

■ 41.3600, 53.3761,
8.1227

■ 41.3605, 53.3782,
8.1231

■ 41.9739, 53.6794,
8.8307

■ 42.7306, 54.0386,
10.2602

■ 43.6781, 54.4750,
12.6594

■ 44.8418, 54.9986,
16.1606

■ 46.2427, 55.6179,
20.8753

■ 47.8996, 56.3403,
26.9016

■ 49.8290, 57.1727,
34.3273

■ 52.0465, 58.1210,
43.2329

■ 54.5659, 59.1909,
53.6926

Harmonies

Analogous

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



56.9369, 53.3761, 7.3142



41.3600, 53.3761, 8.1227



30.8046, 53.3761, 17.1434

Triad

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



41.3600, 53.3761, 8.1227



32.9796, 53.3761, 153.7421



87.5663, 53.3761, 76.9380

Complementary

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



41.3600, 53.3761, 8.1227



11.1891, 4.5094, 57.4108

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.



77.8052, 53.3761, 138.0673



41.3600, 53.3761, 8.1227



44.9958, 53.3761, 195.7026

Square

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



41.3600, 53.3761, 8.1227



26.7206, 53.3761, 91.7855



61.4234, 53.3761, 188.8035



86.0142, 53.3761, 33.8905

Rectangle

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



41.3600, 53.3761, 8.1227



26.9906, 53.3761, 31.6750



61.4234, 53.3761, 188.8035



85.4290, 53.3761, 96.2583

Sweetspot

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



41.3612, 53.3786, 8.1238



82.3795, 94.6191, 56.3046



25.1042, 13.2398, 1.2331



17.3300, 20.1222, 10.8736



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.



41.3612, 53.3786, 8.1238



68.3899, 88.3413, 13.4471



25.3420, 45.1204, 7.3741



12.0412, 13.0386, 11.9615



26.0755, 33.6177, 5.1145



1.3774, 1.7509, 0.2654

Inverse Universe

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



11.1891, 4.5094, 57.4108



18.4512, 7.4268, 95.0688



18.5095, 8.2833, 57.7534



10.7021, 10.8957, 14.1094



7.0781, 2.8564, 36.1346



0.4009, 0.1658, 1.8658

Previews

White Background



This preview shows how the XYZ color 41.3600, 53.3761, 8.1227 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 41.3600, 53.3761, 8.1227 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 41.3600, 53.3761, 8.1227

Background



This preview shows how black text looks on a background with the XYZ color 41.3600, 53.3761, 8.1227.



This preview shows how white text looks on a background with the XYZ color 41.3600, 53.3761,

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

41.3600, 53.3761, 8.1227

Protanopia

47.9834, 53.0454, 7.7098

Deuteranopia

54.1844, 53.0372, 8.8947



Tritanopia

52.9861, 53.3768, 65.2677

Trichromacy



Original Color

41.3600, 53.3761, 8.1227

Protanomaly

45.4199, 53.0543, 7.8466

Deuteranomaly

48.8998, 52.8491, 8.3827

Tritanomaly

45.7925, 52.1113, 28.7640

Monochromacy



Original Color

41.3600, 53.3761, 8.1227

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

38.7882, 45.7305, 21.8214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3600, 53.3761, 8.1227 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(184, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 0) }
```

Border

The CSS property to change the border of an element to XYZ 41.3600, 53.3761, 8.1227 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(184, 204, 0) }
```


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

```
.border{ border-color:rgb(184, 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(184, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3600, 53.3761, 8.1227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 0) }
```

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

```
.background{ background-color: rgb(184,  
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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