

Converting Colors

XYZ(20.0545, 34.8829, 5.6761)

Have a look what the booklet for
XYZ(20.0545, 34.8829, 5.6761)
contains.

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Color

**XYZ(20.0035, 34.8416,
5.6708)**

Conversions

Conversions Part 1

Format	Color
Hex	52B500
RGB	82, 181, 0
RGB Percent	32%, 71%, 0%
CMY	0.6784, 0.2902, 0.9999
CMYK	0.55, 0.00, 1.00, 0.29
HSL	93°, 100%, 35%
HSV	93°, 100%, 71%
XYZ	20.0035, 34.8416, 5.6708
YIQ	130.7650, -0.9030, -77.2790

Conversions

Conversions Part 2

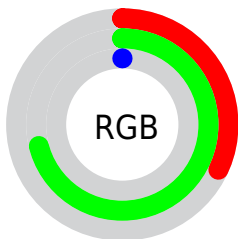
Format	Color
RYB	0, 181, 99
Decimal	5420288
CIELab	65.63, -54.42, 66.04
CIELCh	66, 85.576, 129.489
Yxy	34.8416, 0.3305, 0.5757
Android (android.graphics.Color)	4283610368 (0xFF52B500)
YUV	130.7650, -64.4671, -42.7669
Hunter-Lab	59.0268, -42.8052, 35.6227

Details

The XYZ color **20.0035, 34.8416, 5.6708** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **13.4892, 5.9907, 44.1634**, and the grayscale version is **21.7140, 22.8448, 24.8780**.

A 20% lighter version of the original color is **43.0694, 67.4357, 17.7676**, and **7.5894, 15.1787, 2.5298** is the 20% darker color. If you saturate the color by 10%, you get **20.0034, 34.8426, 5.6710**, and if you desaturate by 10%, it is **21.0385, 35.3635, 6.2944**.

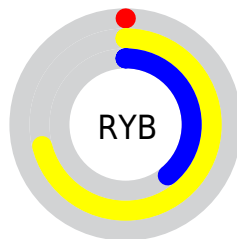
Distribution



Red (32%)

Green (71%)

Blue (0%)



Red (0%)

Yellow (71%)

Blue (39%)

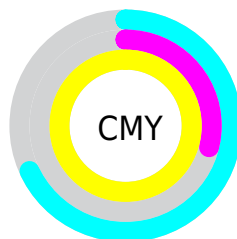


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (68%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.0035, 34.8416, 5.6708 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 20.0035, 34.8416, 5.6708 by changing the saturation by 10% instead.


 20.0035, 34.8416,
5.6708


 20.0035, 34.8416,
5.6708


244.7673,
323.8686, 165.2988


 12.5059, 23.5409,
2.5804

 42.9269, 67.2403,
17.7094


 7.1638, 14.9934,
0.8823


 59.0835, 89.1071,
27.4947


 3.6120, 8.8148,
0.0000


 78.8570, 115.2647,
40.3488

 1.4851, 4.6205,
0.0000

 102.6129,
146.0975, 56.6901

 0.3156, 2.0264,
0.0000

 130.7165,
181.9899, 76.9372

 0.0000, 0.6227,
0.0000

 163.5332,

 0.0000, 0.0000,

223.3263, 101.5087

0.0000

201.4284,
270.4910, 130.8230

■ 20.0035, 34.8416,
5.6708

■ 20.0035, 34.8416,
5.6708

■ 20.0034, 34.8426,
5.6710

■ 21.0385, 35.3635,
6.2944

■ 22.3035, 35.9912,
7.4581

■ 23.8424, 36.7439,
9.3651

■ 25.6782, 37.6314,
12.1131

■ 27.8310, 38.6621,
15.7850

■ 30.3185, 39.8437,
20.4537

■ 33.1572, 41.1832,
26.1849

■ 36.3621, 42.6870,
33.0387

■ 39.9474, 44.3613,
41.0705

Harmonies

Analogous

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



29.2900, 34.8416, 2.4324



20.0035, 34.8416, 5.6708



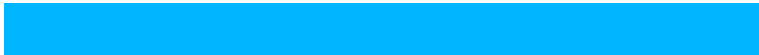
15.2479, 34.8416, 18.4872

Triad

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



20.0035, 34.8416, 5.6708



25.3499, 34.8416, 146.6775



63.1247, 34.8416, 27.6335

Complementary

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



20.0035, 34.8416, 5.6708



13.4892, 5.9907, 44.1634

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.



61.2957, 34.8416, 67.7193



20.0035, 34.8416, 5.6708



37.2613, 34.8416, 155.3175

Square

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



20.0035, 34.8416, 5.6708



17.7486, 34.8416, 101.1571



50.9820, 34.8416, 120.3305



55.4845, 34.8416, 8.7518

Rectangle

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



20.0035, 34.8416, 5.6708



14.3530, 34.8416, 37.3221



50.9820, 34.8416, 120.3305



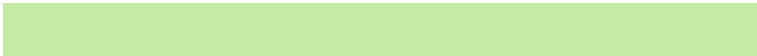
63.6329, 34.8416, 38.5577

Sweetspot

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



20.0043, 34.8431, 5.6716



59.1056, 73.6253, 46.3221



23.2897, 18.2895, 2.3033



12.3054, 15.6919, 9.0498



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



20.0043, 34.8431, 5.6716



35.5695, 62.2684, 10.1443



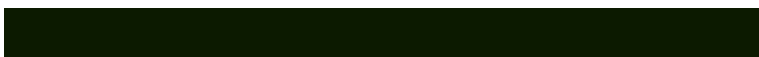
16.5580, 33.0626, 5.6828



8.7424, 9.6723, 9.0587



13.8671, 24.0588, 3.9129



0.5038, 0.7918, 0.1263

Inverse Universe

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



13.4892, 5.9907, 44.1634



23.8900, 10.5902, 79.0796



26.7921, 12.9186, 41.6239



8.4714, 8.4515, 10.6911



9.3788, 4.1707, 30.4477



0.3612, 0.1653, 0.9611

Previews

White Background



This preview shows how the XYZ color 20.0035, 34.8416, 5.6708 looks on a white background.

Color Contrast Check

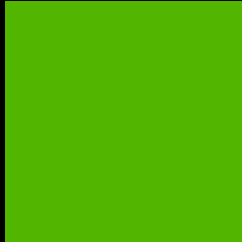
Large Text (above 18pt) WCAG AA × Fail

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 20.0035, 34.8416, 5.6708 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 20.0035, 34.8416, 5.6708

Background



This preview shows how black text looks on a background with the XYZ color 20.0035, 34.8416, 5.6708.



This preview shows how white text looks on a background with the XYZ color 20.0035, 34.8416,

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

20.0035, 34.8416, 5.6708

Protanopia

30.9885, 34.3800, 5.0027

Deuteranopia

34.7935, 34.0884, 6.4962



Tritanopia

28.6305, 34.5708, 49.4198

Trichromacy



Original Color

20.0035, 34.8416, 5.6708



Protanomaly

25.3203, 33.5667, 5.1445



Deuteranomaly

26.6200, 32.6236, 5.7581



Tritanomaly

23.2415, 33.8007, 21.8222

Monochromacy



Original Color

20.0035, 34.8416, 5.6708



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

19.1188, 25.6301, 12.1231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0035, 34.8416, 5.6708 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(82, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 181, 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(82, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 181, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.0035, 34.8416, 5.6708 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(82, 181, 0) }
```


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

```
.border{ border-color:rgb(82, 181, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 181, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(82, 181, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 20.0035, 34.8416, 5.6708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 181, 0) }
```

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

```
.background{ background-color: rgb(82, 181,  
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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