

Converting Colors

XYZ(19.1889, 35.2139, 5.7856)

Have a look what the booklet for
XYZ(19.1889, 35.2139, 5.7856)
contains.

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Color

**XYZ(19.2548, 35.3710,
5.8124)**

Conversions

Conversions Part 1

Format	Color
Hex	40B800
RGB	64, 184, 0
RGB Percent	25%, 72%, 0%
CMY	0.7490, 0.2784, 0.9999
CMYK	0.65, 0.00, 1.00, 0.28
HSL	99°, 100%, 36%
HSV	99°, 100%, 72%
XYZ	19.2548, 35.3710, 5.8124
YIQ	127.1440, -12.4560, -82.6640

Conversions

Conversions Part 2

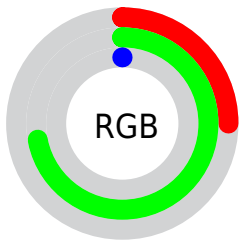
Format	Color
RYB	0, 184, 120
Decimal	4241408
CIELab	66.04, -59.95, 66.14
CIELCh	66, 89.264, 132.191
Yxy	35.3710, 0.3186, 0.5852
Android (android.graphics.Color)	4282431488 (0xFF40B800)
YUV	127.1440, -62.6820, -55.3773
Hunter-Lab	59.4735, -46.2886, 35.8370

Details

The XYZ color **19.2548, 35.3710, 5.8124** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **16.4011, 7.4559, 45.9241**, and the grayscale version is **20.4357, 21.4999, 23.4134**.

A 20% lighter version of the original color is **41.6969, 68.0356, 17.9557**, and **7.9826, 15.9653, 2.6609** is the 20% darker color. If you saturate the color by 10%, you get **19.2548, 35.3721, 5.8127**, and if you desaturate by 10%, it is **20.2344, 35.8641, 6.4463**.

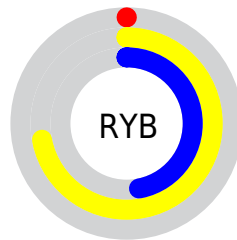
Distribution



Red (25%)

Green (72%)

Blue (0%)



Red (0%)

Yellow (72%)

Blue (47%)

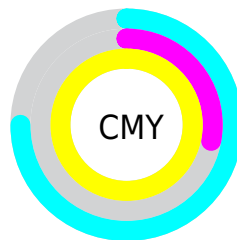


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (75%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2548, 35.3710, 5.8124 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 19.2548, 35.3710, 5.8124 by changing the saturation by 10% instead.

■ 19.2548, 35.3710,
5.8124

■ 19.2548, 35.3710,
5.8124

240.7630,
326.2029, 166.6325

■ 11.9596, 23.9488,
2.6644

■ 41.6778, 68.0601,
18.0111

■ 6.7882, 15.2956,
0.9254

■ 57.5363, 90.0958,
27.8990

■ 3.3751, 9.0271,
0.0000

■ 76.9799, 116.4381,
40.8705

■ 1.3551, 4.7589,
0.0000

■ 100.3741,
147.4715, 57.3443

■ 0.2239, 2.1065,
0.0000

■ 128.0841,
183.5802, 77.7388

■ 0.0000, 0.6683,
0.0000

■ 160.4754,

■ 0.0000, 0.0000,

225.1488, 102.4727

0.0000

197.9132,
272.5615, 131.9644

■ 19.2548, 35.3710,
5.8124

■ 19.2548, 35.3710,
5.8124

■ 19.2548, 35.3721,
5.8127

■ 20.2344, 35.8641,
6.4463

■ 21.4970, 36.4897,
7.6455

■ 23.0920, 37.2700,
9.6186

■ 25.0472, 38.2169,
12.4678

■ 27.3870, 39.3411,
16.2797

■ 30.1333, 40.6524,
21.1303

■ 33.3063, 42.1595,
27.0882

■ 36.9245, 43.8708,
34.2161

■ 41.0055, 45.7939,
42.5719

Harmonies

Analogous

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



28.5239, 35.3710, 2.1660



19.2548, 35.3710, 5.8124



14.7379, 35.3710, 20.2398

Triad

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



19.2548, 35.3710, 5.8124



26.4180, 35.3710, 158.0044



65.1510, 35.3710, 25.0755

Complementary

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



19.2548, 35.3710, 5.8124



16.4011, 7.4559, 45.9241

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.



64.1524, 35.3710, 65.3950



19.2548, 35.3710, 5.8124



39.2875, 35.3710, 162.7915

Square

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



19.2548, 35.3710, 5.8124



18.0635, 35.3710, 111.1743



53.7815, 35.3710, 121.7358



56.2310, 35.3710, 7.3655

Rectangle

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



19.2548, 35.3710, 5.8124



14.0554, 35.3710, 41.3691



53.7815, 35.3710, 121.7358



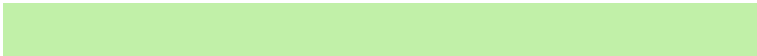
66.0184, 35.3710, 35.7915

Sweetspot

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



19.2556, 35.3725, 5.8132



60.0607, 76.2738, 48.5001



26.4376, 23.5298, 3.1488



12.4121, 16.1888, 9.4371



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.



19.2556, 35.3725, 5.8132



34.6706, 63.9989, 10.5257



17.3465, 34.3646, 6.7934



9.1770, 10.2079, 9.5935



13.3394, 24.4130, 4.0091



0.5385, 0.8958, 0.1445

Inverse Universe

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



16.4011, 7.4559, 45.9241



29.4606, 13.3757, 83.2336



25.8034, 12.6052, 32.7060



9.0696, 9.0022, 11.3390



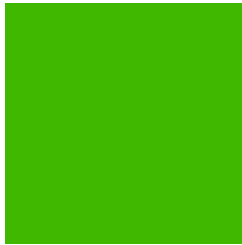
11.3809, 5.1782, 31.6527



0.4652, 0.2155, 1.1188

Previews

White Background



This preview shows how the XYZ color 19.2548, 35.3710, 5.8124 looks on a white background.

Color Contrast Check

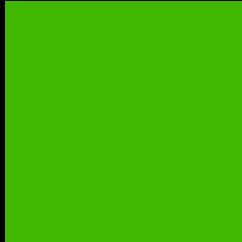
Large Text (above 18pt) WCAG AA × Fail

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 19.2548, 35.3710, 5.8124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

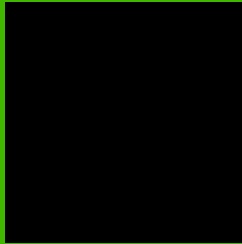
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 19.2548, 35.3710, 5.8124

Background



This preview shows how black text looks on a background with the XYZ color 19.2548, 35.3710, 5.8124.



This preview shows how white text looks on a background with the XYZ color 19.2548, 35.3710,

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

19.2548, 35.3710, 5.8124

Protanopia

31.3932, 34.8449, 5.0711

Deuteranopia

35.2522, 34.5591, 6.7320



Tritanopia

28.2496, 35.1700, 51.1985

Trichromacy



Original Color

19.2548, 35.3710, 5.8124



Protanomaly

24.6692, 33.7792, 5.2198



Deuteranomaly

26.0352, 32.8439, 5.8870



Tritanomaly

22.5417, 34.2900, 22.5701

Monochromacy



Original Color

19.2548, 35.3710, 5.8124



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

17.7840, 24.7169, 11.6181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2548, 35.3710, 5.8124 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(64, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 184, 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(64, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 184, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2548, 35.3710, 5.8124 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(64, 184, 0) }
```


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

```
.border{ border-color:rgb(64, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(64, 184, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.2548, 35.3710, 5.8124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 184, 0) }
```

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

```
.background{ background-color: rgb(64, 184,  
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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