

Converting Colors

XYZ(18.5483, 36.2577, 6.0209)

Have a look what the booklet for
XYZ(18.5483, 36.2577, 6.0209)
contains.

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Color

**XYZ(18.5483, 36.2577,
6.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	1FBC00
RGB	31, 188, 0
RGB Percent	12%, 74%, 0%
CMY	0.8784, 0.2627, 0.9999
CMYK	0.84, 0.00, 1.00, 0.26
HSL	110°, 100%, 37%
HSV	110°, 100%, 74%
XYZ	18.5483, 36.2577, 6.0209
YIQ	119.6250, -33.2240, -91.7520

Conversions

Conversions Part 2

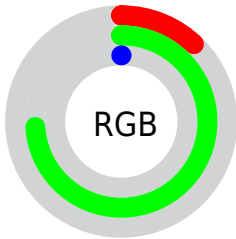
Format	Color
RYB	0, 188, 157
Decimal	2079744
CIELab	66.72, -66.52, 66.42
CIELCh	67, 94.000, 135.043
Yxy	36.2577, 0.3049, 0.5961
Android (android.graphics.Color)	4280269824 (0xFF1FBC00)
YUV	119.6250, -58.9751, -77.7241
Hunter-Lab	60.2144, -50.3904, 36.2216

Details

The XYZ color **18.5483, 36.2577, 6.0209** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **22.9871, 10.8020, 48.4523**, and the grayscale version is **17.9242, 18.8577, 20.5360**.

A 20% lighter version of the original color is **40.6376, 69.7128, 18.5218**, and **8.3875, 16.7751, 2.7958** is the 20% darker color. If you saturate the color by 10%, you get **18.5485, 36.2589, 6.0211**, and if you desaturate by 10%, it is **19.2586, 36.6116, 6.6599**.

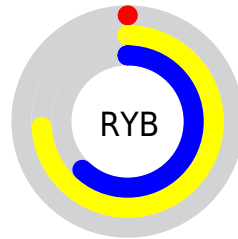
Distribution



Red (12%)

Green (74%)

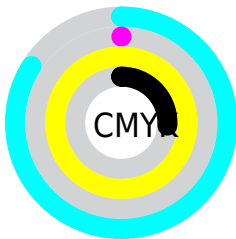
Blue (0%)



Red (0%)

Yellow (74%)

Blue (62%)

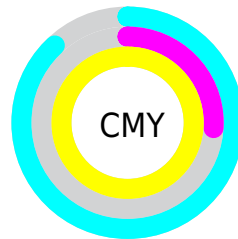


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (88%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.5483, 36.2577, 6.0209 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 18.5483, 36.2577, 6.0209 by changing the saturation by 10% instead.


 18.5483, 36.2577,
6.0209


 18.5483, 36.2577,
6.0209


236.9299,
330.0855, 168.5701


 11.4464, 24.6333,
2.7888


 40.4922, 69.4296,
18.4527


 6.4374, 15.8041,
0.9878


 56.0650, 91.7459,
28.4894


 3.1560, 9.3856,
0.0000


 75.1921, 118.3950,
41.6315

 1.2368, 4.9935,
0.0000

 98.2388, 149.7612,
58.2974

 0.1351, 2.2435,
0.0000

 125.5706,
186.2290, 78.9056

 0.0000, 0.7435,
0.0000

 157.5529,

 0.0000, 0.0000,

228.1827, 103.8748

0.0000

194.5508,
276.0067, 133.6235

■ 18.5483, 36.2577,
6.0209

■ 18.5483, 36.2577,
6.0209

■ 18.5485, 36.2589,
6.0211

■ 19.2586, 36.6116,
6.6599

■ 20.3398, 37.1426,
7.8992

■ 21.8588, 37.8817,
9.9557

■ 23.8581, 38.8485,
12.9378

■ 26.3751, 40.0601,
16.9375

■ 29.4432, 41.5322,
22.0355

■ 33.0932, 43.2788,
28.3046

■ 37.3533, 45.3132,
35.8113

■ 42.2499, 47.6477,
44.6169

Harmonies

Analogous

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



27.8605, 36.2577, 1.8956



18.5483, 36.2577, 6.0209



14.2661, 36.2577, 22.5636

Triad

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



18.5483, 36.2577, 6.0209



27.8946, 36.2577, 173.1169



68.0565, 36.2577, 22.4862

Complementary

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



18.5483, 36.2577, 6.0209



22.9871, 10.8020, 48.4523

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.



68.0730, 36.2577, 63.2485



18.5483, 36.2577, 6.0209



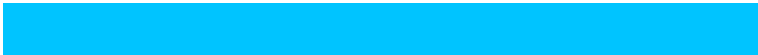
42.0314, 36.2577, 173.0362

Square

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



18.5483, 36.2577, 6.0209



18.5673, 36.2577, 124.4896



57.5725, 36.2577, 124.3127



57.5321, 36.2577, 5.9974

Rectangle

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



18.5483, 36.2577, 6.0209



13.8165, 36.2577, 46.7453



57.5725, 36.2577, 124.3127



69.3690, 36.2577, 33.0067

Sweetspot

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



18.5491, 36.2592, 6.0217



59.6157, 78.2620, 50.6722



32.7417, 34.6953, 4.9718



12.1968, 16.5318, 9.8192



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



18.5491, 36.2592, 6.0217



33.4804, 65.6419, 10.9056



18.8725, 36.3233, 10.6726



9.5514, 10.7231, 10.1430



12.6713, 24.7082, 4.1013



0.5427, 0.9917, 0.1628

Inverse Universe

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



22.9871, 10.8020, 48.4523



41.4783, 19.4825, 87.8005



24.4637, 12.1817, 20.5790



9.7714, 9.6146, 12.0130



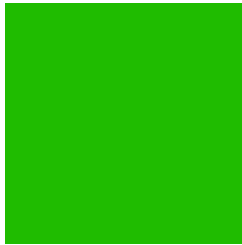
15.7030, 7.3813, 32.9900



0.6569, 0.3107, 1.2942

Previews

White Background



This preview shows how the XYZ color 18.5483, 36.2577, 6.0209 looks on a white background.

Color Contrast Check

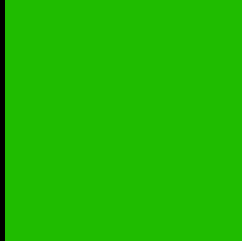
Large Text (above 18pt) WCAG AA × Fail

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 18.5483, 36.2577, 6.0209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

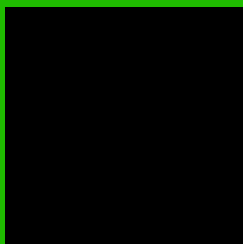
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 18.5483, 36.2577, 6.0209

Background



This preview shows how black text looks on a background with the XYZ color 18.5483, 36.2577, 6.0209.



This preview shows how white text looks on a background with the XYZ color 18.5483, 36.2577,

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

18.5483, 36.2577, 6.0209

Protanopia

32.0363, 35.4348, 5.1511

Deuteranopia

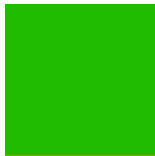
36.1486, 35.4991, 7.0446



Tritanopia

28.0826, 36.1731, 53.6461

Trichromacy



Original Color

18.5483, 36.2577, 6.0209



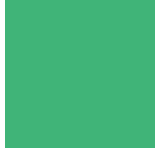
Protanomaly

23.3153, 33.6378, 5.2639



Deuteranomaly

24.6379, 32.9225, 6.0334



Tritanomaly

21.8258, 35.0886, 23.3917

Monochromacy



Original Color

18.5483, 36.2577, 6.0209



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

15.4544, 22.8473, 10.4329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5483, 36.2577, 6.0209 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(31, 188, 0)` looks like.

```
.text, #text, p{  
    color:rgb(31, 188, 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(31, 188, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 188, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.5483, 36.2577, 6.0209 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(31, 188, 0) }
```


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

```
.border{ border-color:rgb(31, 188, 0) }
```

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

Here you see how a box with a 4 pixel rgb(31, 188, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 188, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 188, 0);  
box-shadow:4px 4px 4px 4px rgb(31, 188, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.5483, 36.2577, 6.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 188, 0) }
```

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

```
.background{ background-color: rgb(31, 188,  
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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