

Converting Colors

XYZ(11.3931, 22.1298, 5.5463)

Have a look what the booklet for
XYZ(11.3931, 22.1298, 5.5463)
contains.

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Color

**XYZ(11.3188, 21.9849,
5.4807)**

Conversions

Conversions Part 1

Format	Color
Hex	059626
RGB	5, 150, 38
RGB Percent	2%, 59%, 15%
CMY	0.9804, 0.4118, 0.8510
CMYK	0.97, 0.00, 0.75, 0.41
HSL	134°, 94%, 30%
HSV	134°, 97%, 59%
XYZ	11.3188, 21.9849, 5.4807
YIQ	93.8770, -50.4680, -65.5720

Conversions

Conversions Part 2

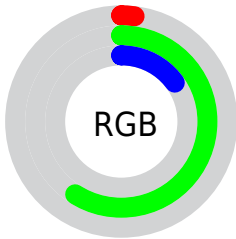
Format	Color
RYB	5, 123, 150
Decimal	366118
CIELab	54.01, -55.78, 46.86
CIElCh	54, 72.851, 139.964
Yxy	21.9849, 0.2918, 0.5668
Android (android.graphics.Color)	4278556198 (0xFF059626)
YUV	93.8770, -27.5474, -77.9451
Hunter-Lab	46.8881, -38.9641, 25.8913

Details

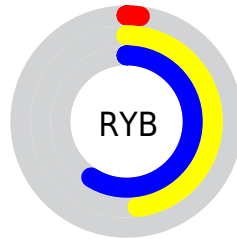
The XYZ color **11.3188, 21.9849, 5.4807** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **15.8434, 7.8773, 17.5152**, and the grayscale version is **10.6824, 11.2388, 12.2390**.

A 20% lighter version of the original color is **27.7966, 46.5247, 17.1880**, and **4.2747, 8.5494, 1.4249** is the 20% darker color. If you saturate the color by 10%, you get **11.1975, 21.9299, 5.1667**, and if you desaturate by 10%, it is **11.7623, 22.1891, 6.6345**.

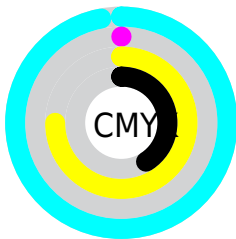
Distribution



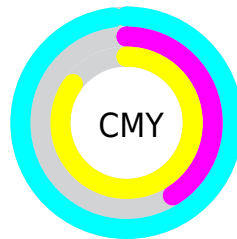
- Red (2%)
- Green (59%)
- Blue (15%)



- Red (2%)
- Yellow (48%)
- Blue (59%)



- Cyan (97%)
- Magenta (0%)
- Yellow (75%)
- Black (41%)



- Cyan (98%)
- Magenta (41%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3188, 21.9849, 5.4807 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 11.3188, 21.9849, 5.4807 by changing the saturation by 10% instead.

■ 11.3188, 21.9849,
5.4807

■ 11.3188, 21.9849,
5.4807

193.7053,
262.4674, 163.4845

■ 6.3506, 13.8458,
2.4683

■ 27.8759, 46.7210,
17.3018

■ 3.1021, 8.0135,
0.8233

■ 40.1956, 64.0869,
26.9476

■ 1.2080, 4.1036,
0.0000

■ 55.6964, 85.2971,
39.6417

■ 0.1126, 1.7317,
0.0000

■ 74.7437, 110.7360,
55.8025

■ 0.0000, 0.4440,
0.0000

■ 97.7029, 140.7882,
75.8487

■ 0.0000, 0.0000,
0.0000

■ 124.9393,

175.8378, 100.1987

156.8183,
216.2694, 129.2711

■ 11.3188, 21.9849,
5.4807

■ 11.3188, 21.9849,
5.4807

■ 11.1975, 21.9299,
5.1667

■ 11.7623, 22.1891,
6.6345

■ 12.4471, 22.5098,
8.1287

■ 13.4171, 22.9697,
9.9887

■ 14.7009, 23.5831,
12.2366

■ 16.3237, 24.3625,
14.8929

■ 18.3079, 25.3192,
17.9764

■ 20.6740, 26.4633,
21.5051

■ 23.4409, 27.8043,
25.4955

■ 26.6264, 29.3509,
29.9636

Harmonies

Analogous

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



16.1432, 21.9849, 1.9398



11.3188, 21.9849, 5.4807



9.2557, 21.9849, 17.1511

Triad

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



11.3188, 21.9849, 5.4807



18.3680, 21.9849, 97.0045



38.5920, 21.9849, 11.9797

Complementary

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



11.3188, 21.9849, 5.4807



15.8434, 7.8773, 17.5152

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.



39.6213, 21.9849, 32.3134



11.3188, 21.9849, 5.4807



26.5006, 21.9849, 92.1536

Square

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



11.3188, 21.9849, 5.4807



12.5944, 21.9849, 74.8175



34.7565, 21.9849, 64.0434



32.2211, 21.9849, 3.7258

Rectangle

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



11.3188, 21.9849, 5.4807



9.2538, 21.9849, 32.2473



34.7565, 21.9849, 64.0434



39.6264, 21.9849, 17.1945

Sweetspot

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



11.3193, 21.9858, 5.4812



35.1986, 46.0782, 36.0577



18.4852, 25.7172, 4.1333



7.4423, 10.0383, 7.4569



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



11.3193, 21.9858, 5.4812



19.7040, 38.6773, 8.8206



13.7254, 22.9482, 18.1513



5.7805, 6.4888, 6.4548



9.2973, 18.1917, 4.3413



0.1234, 0.2265, 0.1039

Inverse Universe

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



15.8434, 7.8773, 17.5152



27.6770, 13.6350, 29.8970



13.1273, 6.7908, 3.2125



5.9794, 5.8868, 6.9978



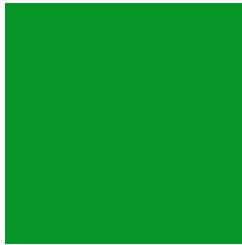
13.0519, 6.4258, 14.2863



0.1708, 0.0831, 0.2333

Previews

White Background



This preview shows how the XYZ color 11.3188, 21.9849, 5.4807 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3188, 21.9849, 5.4807 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 × Fail

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

XYZ 11.3188, 21.9849, 5.4807

Background



This preview shows how black text looks on a background with the XYZ color 11.3188, 21.9849, 5.4807.



This preview shows how white text looks on a background with the XYZ color 11.3188, 21.9849,

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

11.3188, 21.9849, 5.4807

Protanopia

19.6264, 21.7396, 4.6006

Deuteranopia

22.0111, 21.6144, 5.9176



Tritanopia

16.9506, 22.0147, 32.6340

Trichromacy



Original Color

11.3188, 21.9849, 5.4807



Protanomaly

13.7632, 20.3398, 4.7907



Deuteranomaly

14.4338, 19.6350, 5.5118



Tritanomaly

13.7022, 21.5437, 18.1880

Monochromacy



Original Color

11.3188, 21.9849, 5.4807



Achromatopsia

10.6392, 11.1932, 12.1894



Achromatomaly

9.2400, 13.5532, 8.6076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3188, 21.9849, 5.4807 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(5, 150, 38)` looks like.

```
.text, #text, p{  
    color:rgb(5, 150, 38)  
}
```

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(5, 150, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 150, 38) }
```

Border

The CSS property to change the border of an element to XYZ 11.3188, 21.9849, 5.4807 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(5, 150, 38) }
```


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

```
.border{ border-color:rgb(5, 150, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 150, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 150, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 150, 38);  
box-shadow:4px 4px 4px 4px rgb(5, 150, 38)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3188, 21.9849, 5.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 150, 38) }
```

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

```
.background{ background-color: rgb(5, 150,  
38) }
```

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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