

Converting Colors

XYZ(11.1008, 21.8913, 4.6572)

Have a look what the booklet for
XYZ(11.1008, 21.8913, 4.6572)
contains.

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Color

**XYZ(11.1042, 21.8918,
4.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	00961B
RGB	0, 150, 27
RGB Percent	0%, 59%, 11%
CMY	1.0000, 0.4118, 0.8941
CMYK	1.00, 0.00, 0.82, 0.41
HSL	131°, 100%, 29%
HSV	131°, 100%, 59%
XYZ	11.1042, 21.8918, 4.6772
YIQ	91.1280, -49.9170, -70.0530

Conversions

Conversions Part 2

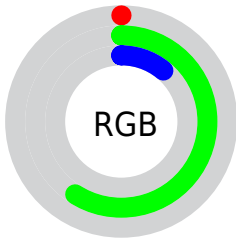
Format	Color
RYB	0, 127, 150
Decimal	38427
CIELab	53.91, -56.92, 50.49
CIELCh	54, 76.086, 138.422
Yxy	21.8918, 0.2948, 0.5811
Android (android.graphics.Color)	4278228507 (0xFF00961B)
YUV	91.1280, -31.6151, -79.9193
Hunter-Lab	46.7887, -39.5174, 26.8252

Details

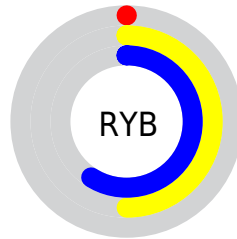
The XYZ color **11.1042, 21.8918, 4.6772** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **16.1535, 7.9145, 19.4157**, and the grayscale version is **10.0517, 10.5752, 11.5164**.

A 20% lighter version of the original color is **27.3788, 46.3465, 15.4854**, and **4.2747, 8.5494, 1.4249** is the 20% darker color. If you saturate the color by 10%, you get **11.1046, 21.8927, 4.6775**, and if you desaturate by 10%, it is **11.4751, 22.0636, 5.6000**.

Distribution



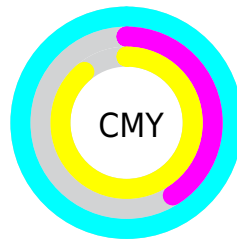
- Red (0%)
- Green (59%)
- Blue (11%)



- Red (0%)
- Yellow (50%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1042, 21.8918, 4.6772 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 11.1042, 21.8918, 4.6772 by changing the saturation by 10% instead.

■ 11.1042, 21.8918,
4.6772

■ 11.1042, 21.8918,
4.6772

192.2746,
261.9807, 155.4788

■ 6.2048, 13.7774,
2.0037

■ 27.4839, 46.5671,
15.5437

■ 3.0118, 7.9660,
0.5576

■ 39.6950, 63.8968,
24.5738

■ 1.1600, 4.0732,
0.0000

■ 55.0739, 85.0671,
36.5599

■ 0.0745, 1.7146,
0.0000

■ 73.9861, 110.4623,
51.9205

■ 0.0000, 0.4331,
0.0000

■ 96.7969, 140.4669,
71.0742

■ 0.0000, 0.0000,
0.0000

■ 123.8717,

175.4652, 94.4394

155.5758,
215.8417, 122.4348

■ 11.1042, 21.8918,
4.6772

■ 11.1042, 21.8918,
4.6772

■ 11.1046, 21.8927,
4.6775

■ 11.4751, 22.0636,
5.6000

■ 12.0533, 22.3340,
6.8781

■ 12.9119, 22.7406,
8.5453

■ 14.0823, 23.2990,
10.6300

■ 15.5914, 24.0226,
13.1579

■ 17.4633, 24.9233,
16.1524

■ 19.7198, 26.0118,
19.6356

■ 22.3811, 27.2981,
23.6279

■ 25.4658, 28.7915,
28.1486

Harmonies

Analogous

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



16.2138, 21.8918, 1.5385



11.1042, 21.8918, 4.6772



8.8716, 21.8918, 15.8762

Triad

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



11.1042, 21.8918, 4.6772



17.8018, 21.8918, 101.0363



39.6288, 21.8918, 12.2286

Complementary

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



11.1042, 21.8918, 4.6772



16.1535, 7.9145, 19.4157

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.



40.3816, 21.8918, 34.0922



11.1042, 21.8918, 4.6772



26.1960, 21.8918, 97.4277

Square

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



11.1042, 21.8918, 4.6772



12.0026, 21.8918, 76.0546



34.9644, 21.8918, 68.0927



33.1176, 21.8918, 3.5051

Rectangle

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



11.1042, 21.8918, 4.6772



8.7864, 21.8918, 31.0771



34.9644, 21.8918, 68.0927



40.6167, 21.8918, 17.8180

Sweetspot

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



11.1047, 21.8927, 4.6777



34.5436, 45.7797, 34.2612



19.3647, 26.1737, 4.0315



7.3055, 9.9765, 7.0569



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.



11.1047, 21.8927, 4.6777



19.5490, 38.6153, 8.0044



13.2072, 22.7337, 15.7494



5.7697, 6.4845, 6.3982



9.2187, 18.1603, 3.9271



0.1208, 0.2254, 0.0899

Inverse Universe

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



16.1535, 7.9145, 19.4157



28.4474, 13.9431, 33.9538



13.1540, 6.7147, 3.6208



5.9910, 5.8915, 7.0587



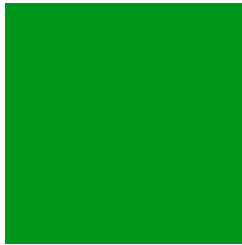
13.4074, 6.5680, 16.1581



0.1735, 0.0841, 0.2473

Previews

White Background



This preview shows how the XYZ color 11.1042, 21.8918, 4.6772 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 11.1042, 21.8918, 4.6772 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 11.1042, 21.8918, 4.6772

Background



This preview shows how black text looks on a background with the XYZ color 11.1042, 21.8918, 4.6772.



This preview shows how white text looks on a background with the XYZ color 11.1042, 21.8918,

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

11.1042, 21.8918, 4.6772

Protanopia

19.4872, 21.6839, 3.8678

Deuteranopia

21.8570, 21.5527, 5.1059



Tritanopia

16.9506, 22.0147, 32.6340

Trichromacy



Original Color

11.1042, 21.8918, 4.6772



Protanomaly

13.5139, 20.2285, 4.0028



Deuteranomaly

14.0492, 19.4547, 4.6837



Tritanomaly

13.4115, 21.4185, 17.0630

Monochromacy



Original Color

11.1042, 21.8918, 4.6772



Achromatopsia

9.9438, 10.4616, 11.3927



Achromatomaly

8.5825, 12.9052, 7.5075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1042, 21.8918, 4.6772 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(0, 150, 27)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 27)  
}
```

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(0, 150, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 27) }
```

Border

The CSS property to change the border of an element to XYZ 11.1042, 21.8918, 4.6772 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(0, 150, 27) }
```


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

```
.border{ border-color:rgb(0, 150, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 27);  
box-shadow:4px 4px 4px 4px rgb(0, 150, 27)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1042, 21.8918, 4.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 27) }
```

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

```
.background{ background-color: rgb(0, 150,  
27) }
```

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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