

Converting Colors

XYZ(11.2177, 22.0524, 4.9201)

Have a look what the booklet for
XYZ(11.2177, 22.0524, 4.9201)
contains.

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Color

**XYZ(11.1407, 21.9064,
4.8695)**

Conversions

Conversions Part 1

Format	Color
Hex	00961E
RGB	0, 150, 30
RGB Percent	0%, 59%, 12%
CMY	1.0000, 0.4118, 0.8823
CMYK	1.00, 0.00, 0.80, 0.41
HSL	132°, 100%, 29%
HSV	132°, 100%, 59%
XYZ	11.1407, 21.9064, 4.8695
YIQ	91.4700, -50.8800, -69.1200

Conversions

Conversions Part 2

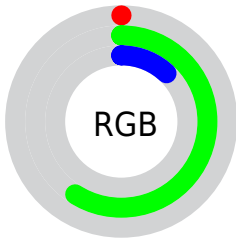
Format	Color
RYB	0, 125, 150
Decimal	38430
CIELab	53.93, -56.72, 49.57
CIELCh	54, 75.327, 138.844
Yxy	21.9064, 0.2938, 0.5778
Android (android.graphics.Color)	4278228510 (0xFF00961E)
YUV	91.4700, -30.3047, -80.2192
Hunter-Lab	46.8043, -39.4196, 26.5945

Details

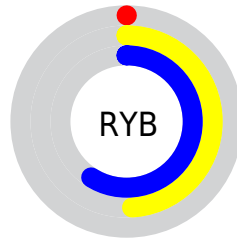
The XYZ color **11.1407, 21.9064, 4.8695** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **15.9684, 7.8404, 18.4412**, and the grayscale version is **10.1273, 10.6547, 11.6029**.

A 20% lighter version of the original color is **27.4561, 46.3774, 15.8922**, and **4.2747, 8.5494, 1.4249** is the 20% darker color. If you saturate the color by 10%, you get **11.1411, 21.9073, 4.8698**, and if you desaturate by 10%, it is **11.5218, 22.0823, 5.8461**.

Distribution



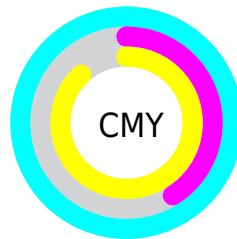
- Red (0%)
- Green (59%)
- Blue (12%)



- Red (0%)
- Yellow (49%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1407, 21.9064, 4.8695 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 11.1407, 21.9064, 4.8695 by changing the saturation by 10% instead.

■ 11.1407, 21.9064,
4.8695

■ 11.1407, 21.9064,
4.8695

192.5187,
262.0571, 157.4485

■ 6.2295, 13.7881,
2.1135

■ 27.5507, 46.5912,
15.9701

■ 3.0271, 7.9735,
0.6238

■ 39.7803, 63.9266,
25.1517

■ 1.1681, 4.0780,
0.0000

■ 55.1800, 85.1032,
37.3123

■ 0.0810, 1.7173,
0.0000

■ 74.1152, 110.5053,
52.8704

■ 0.0000, 0.4348,
0.0000

■ 96.9514, 140.5173,
72.2445

■ 0.0000, 0.0000,
0.0000

■ 124.0538,

175.5237, 95.8532

155.7878,
215.9088, 124.1150

■ 11.1407, 21.9064,
4.8695

■ 11.1407, 21.9064,
4.8695

■ 11.1411, 21.9073,
4.8698

■ 11.5218, 22.0823,
5.8461

■ 12.1083, 22.3560,
7.1677

■ 12.9727, 22.7649,
8.8654

■ 14.1458, 23.3244,
10.9653

■ 15.6545, 24.0478,
13.4907

■ 17.5222, 24.9468,
16.4635

■ 19.7706, 26.0321,
19.9039

■ 22.4195, 27.3135,
23.8309

■ 25.4872, 28.8000,
28.2624

Harmonies

Analogous

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



16.1753, 21.9064, 1.6284



11.1407, 21.9064, 4.8695



8.9541, 21.9064, 16.2058

Triad

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



11.1407, 21.9064, 4.8695



17.9447, 21.9064, 100.0960



39.3651, 21.9064, 12.1301

Complementary

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



11.1407, 21.9064, 4.8695



15.9684, 7.8404, 18.4412

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.



40.1992, 21.9064, 33.5902



11.1407, 21.9064, 4.8695



26.2815, 21.9064, 96.1135

Square

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



11.1407, 21.9064, 4.8695



12.1449, 21.9064, 75.8314



34.9253, 21.9064, 67.0310



32.8772, 21.9064, 3.5428

Rectangle

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



11.1407, 21.9064, 4.8695



8.8919, 21.9064, 31.4073



34.9253, 21.9064, 67.0310



40.3690, 21.9064, 17.6179

Sweetspot

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



11.1412, 21.9073, 4.8700



34.6347, 45.8161, 34.7407



18.6529, 25.8068, 3.9982



7.3270, 9.9852, 7.1703



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.



11.1412, 21.9073, 4.8700



19.6096, 38.6395, 8.3236



13.4567, 22.8335, 17.0634



5.7742, 6.4863, 6.4219



9.2497, 18.1727, 4.0903



0.1219, 0.2259, 0.0958

Inverse Universe

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



15.9684, 7.8404, 18.4412



28.1163, 13.8107, 32.2105



13.0519, 6.6738, 3.0832



5.9861, 5.8895, 7.0330



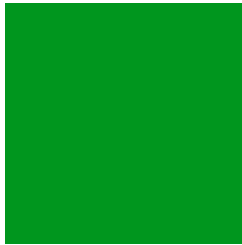
13.2547, 6.5070, 15.3543



0.1724, 0.0837, 0.2414

Previews

White Background



This preview shows how the XYZ color 11.1407, 21.9064, 4.8695 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 11.1407, 21.9064, 4.8695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

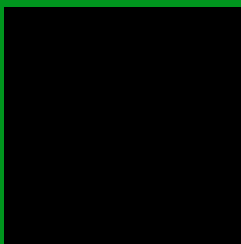
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

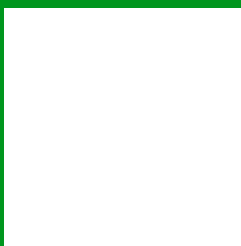
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1407, 21.9064, 4.8695

Background



This preview shows how black text looks on a background with the XYZ color 11.1407, 21.9064, 4.8695.



This preview shows how white text looks on a background with the XYZ color 11.1407, 21.9064,

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

11.1407, 21.9064, 4.8695

Protanopia

19.5167, 21.6958, 4.0232

Deuteranopia

21.8928, 21.5671, 5.2945



Tritanopia

16.9506, 22.0147, 32.6340

Trichromacy



Original Color

11.1407, 21.9064, 4.8695



Protanomaly

13.5457, 20.2412, 4.1703



Deuteranomaly

14.0806, 19.4672, 4.8492



Tritanomaly

13.4638, 21.4394, 17.3385

Monochromacy



Original Color

11.1407, 21.9064, 4.8695



Achromatopsia

9.9438, 10.4616, 11.3927



Achromatomaly

8.6133, 12.9176, 7.6696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1407, 21.9064, 4.8695 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, 30)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 30)  
}
```

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, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 30) }
```

Border

The CSS property to change the border of an element to XYZ 11.1407, 21.9064, 4.8695 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, 30) }
```


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

```
.border{ border-color:rgb(0, 150, 30) }
```

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, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 30);  
box-shadow:4px 4px 4px 4px rgb(0, 150, 30)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1407, 21.9064, 4.8695 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, 30) }
```

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

```
.background{ background-color: rgb(0, 150,  
30) }
```

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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