

Converting Colors

XYZ(11.0389, 21.8896, 3.9014)

Have a look what the booklet for
XYZ(11.0389, 21.8896, 3.9014)
contains.

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Color

**XYZ(11.0308, 21.8711,
3.8986)**

Conversions

Conversions Part 1

Format	Color
Hex	069609
RGB	6, 150, 9
RGB Percent	2%, 59%, 4%
CMY	0.9764, 0.4118, 0.9647
CMYK	0.96, 0.00, 0.94, 0.41
HSL	121°, 92%, 31%
HSV	121°, 96%, 59%
XYZ	11.0308, 21.8711, 3.8986
YIQ	90.8700, -40.5630, -74.3790

Conversions

Conversions Part 2

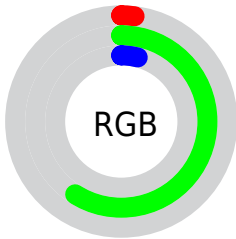
Format	Color
RYB	6, 147, 150
Decimal	431625
CIELab	53.89, -57.36, 54.58
CIELCh	54, 79.179, 136.423
Yxy	21.8711, 0.2997, 0.5943
Android (android.graphics.Color)	4278621705 (0xFF069609)
YUV	90.8700, -40.3619, -74.4310
Hunter-Lab	46.7665, -39.7388, 27.7940

Details

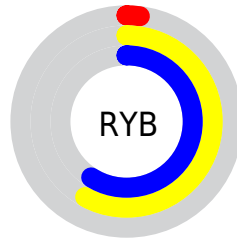
The XYZ color **11.0308, 21.8711, 3.8986** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **17.9096, 8.7212, 28.3420**, and the grayscale version is **10.0109, 10.5322, 11.4696**.

A 20% lighter version of the original color is **27.2504, 46.3173, 13.8072**, and **4.2747, 8.5494, 1.4249** is the 20% darker color. If you saturate the color by 10%, you get **10.9239, 21.8204, 3.7259**, and if you desaturate by 10%, it is **11.3779, 22.0377, 4.5019**.

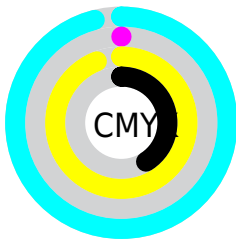
Distribution



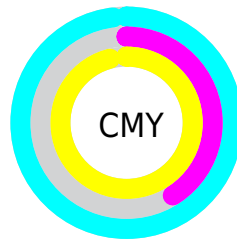
- Red (2%)
- Green (59%)
- Blue (4%)



- Red (2%)
- Yellow (58%)
- Blue (59%)



- Cyan (96%)
- Magenta (0%)
- Yellow (94%)
- Black (41%)



- Cyan (98%)
- Magenta (41%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0308, 21.8711, 3.8986 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 11.0308, 21.8711, 3.8986 by changing the saturation by 10% instead.

■ 11.0308, 21.8711,
3.8986

■ 11.0308, 21.8711,
3.8986

191.7827,
261.8724, 147.0916

■ 6.1550, 13.7622,
1.5699

■ 27.3496, 46.5329,
13.7752

■ 2.9811, 7.9555,
0.2692

■ 39.5232, 63.8545,
22.1602

■ 1.1438, 4.0665,
0.0000

■ 54.8602, 85.0159,
33.4010

■ 0.0613, 1.7108,
0.0000

■ 73.7259, 110.4014,
47.9162


■ 0.0000, 0.4306,
0.0000


■ 96.4856, 140.3954,
66.1243


■ 0.0000, 0.0000,
0.0000


■ 123.5048,


175.3823, 88.4439


 155.1487,
215.7465, 115.2935


 11.0308, 21.8711,
3.8986


 11.0308, 21.8711,
3.8986


 10.9239, 21.8204,
3.7259

 11.3779, 22.0377,
4.5019

 11.9907, 22.3311,
5.5449

 12.9166, 22.7752,
7.0923

 14.1901, 23.3864,
9.1967

 15.8408, 24.1792,
11.9044

■ 17.8954, 25.1663,
15.2567

■ 20.3781, 26.3594,
19.2912

■ 23.3110, 27.7693,
24.0428

■ 26.7151, 29.4059,
29.5439

Harmonies

Analogous

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



16.4895, 21.8711, 1.2035



11.0308, 21.8711, 3.8986



8.5787, 21.8711, 14.4061

Triad

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



11.0308, 21.8711, 3.8986



17.1724, 21.8711, 104.7964



40.8073, 21.8711, 12.8550

Complementary

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



11.0308, 21.8711, 3.8986



17.9096, 8.7212, 28.3420

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.



41.1384, 21.8711, 36.6217



11.0308, 21.8711, 3.8986



25.7748, 21.8711, 103.1848

Square

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



11.0308, 21.8711, 3.8986



11.4123, 21.8711, 76.5788



35.0669, 21.8711, 73.0439



34.2577, 21.8711, 3.4259

Rectangle

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



11.0308, 21.8711, 3.8986



8.3833, 21.8711, 29.4604



35.0669, 21.8711, 73.0439



41.7009, 21.8711, 18.9393

Sweetspot

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



11.0313, 21.8720, 3.8991



34.3056, 45.7210, 31.3554



23.0806, 28.0856, 4.3771



7.2311, 9.9539, 6.3450



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.



11.0313, 21.8720, 3.8991



19.2695, 38.5035, 6.5325



12.4449, 22.4374, 11.3429



5.7342, 6.4703, 6.2112



9.0612, 18.0973, 3.0981



0.1119, 0.2219, 0.0430

Inverse Universe

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



17.9096, 8.7212, 28.3420



31.4644, 15.1499, 49.8410



13.9341, 7.1310, 7.4076



6.0301, 5.9071, 7.2649



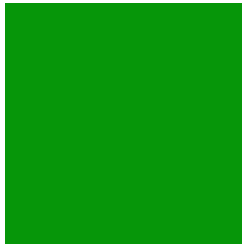
14.7926, 7.1221, 23.4526



0.1824, 0.0877, 0.2941

Previews

White Background



This preview shows how the XYZ color 11.0308, 21.8711, 3.8986 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 11.0308, 21.8711, 3.8986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

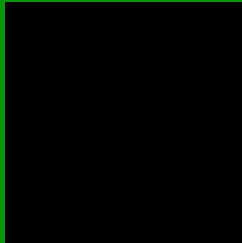
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.0308, 21.8711, 3.8986

Background



This preview shows how black text looks on a background with the XYZ color 11.0308, 21.8711, 3.8986.



This preview shows how white text looks on a background with the XYZ color 11.0308, 21.8711,

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

11.0308, 21.8711, 3.8986

Protanopia

19.3962, 21.4581, 3.1195

Deuteranopia

21.9320, 21.6059, 4.4533



Tritanopia

16.8684, 21.7564, 32.5885

Trichromacy



Original Color

11.0308, 21.8711, 3.8986



Protanomaly

13.4367, 19.9946, 3.2373



Deuteranomaly

14.2418, 19.5717, 3.8913



Tritanomaly

13.0294, 21.0380, 15.1784

Monochromacy



Original Color

11.0308, 21.8711, 3.8986



Achromatopsia

9.9438, 10.4616, 11.3927



Achromatomaly

8.5000, 12.8859, 6.4541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0308, 21.8711, 3.8986 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(6, 150, 9)` looks like.

```
.text, #text, p{  
    color:rgb(6, 150, 9)  
}
```

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(6, 150, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 150, 9) }
```

Border

The CSS property to change the border of an element to XYZ 11.0308, 21.8711, 3.8986 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(6, 150, 9) }
```


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

```
.border{ border-color:rgb(6, 150, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 150, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 150, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 150, 9); box-shadow:4px  
4px 4px 4px rgb(6, 150, 9) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0308, 21.8711, 3.8986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 150, 9) }
```

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

```
.background{ background-color: rgb(6, 150,  
9) }
```

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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