

Converting Colors

XYZ(11.5309, 22.8545, 3.8036)

Have a look what the booklet for
XYZ(11.5309, 22.8545, 3.8036)
contains.

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Color

**XYZ(11.5292, 22.8536,
3.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	0B9900
RGB	11, 153, 0
RGB Percent	4%, 60%, 0%
CMY	0.9569, 0.4000, 1.0000
CMYK	0.93, 0.00, 1.00, 0.40
HSL	116°, 100%, 30%
HSV	116°, 100%, 60%
XYZ	11.5292, 22.8536, 3.8035
YIQ	93.1000, -35.5190, -77.6870

Conversions

Conversions Part 2

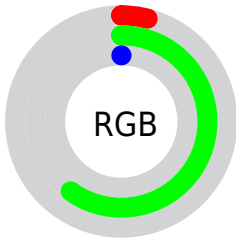
Format	Color
RYB	0, 153, 142
Decimal	760064
CIELab	54.92, -58.19, 56.90
CIELCh	55, 81.383, 135.641
Yxy	22.8536, 0.3019, 0.5985
Android (android.graphics.Color)	4278950144 (0xFF0B9900)
YUV	93.1000, -45.8983, -72.0017
Hunter-Lab	47.8054, -40.6108, 28.7466

Details

The XYZ color **11.5292, 22.8536, 3.8035** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **16.9085, 8.0526, 30.8014**, and the grayscale version is **10.5383, 11.0871, 12.0738**.

A 20% lighter version of the original color is **28.3196, 48.3184, 13.6281**, and **4.5572, 9.1143, 1.5191** is the 20% darker color. If you saturate the color by 10%, you get **11.5295, 22.8545, 3.8037**, and if you desaturate by 10%, it is **11.8860, 23.0280, 4.2821**.

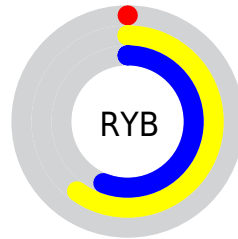
Distribution



Red (4%)

Green (60%)

Blue (0%)



Red (0%)

Yellow (60%)

Blue (56%)

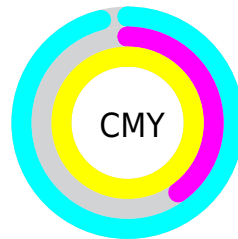


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (96%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5292, 22.8536, 3.8035 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 11.5292, 22.8536, 3.8035 by changing the saturation by 10% instead.


 11.5292, 22.8536,
3.8035


 11.5292, 22.8536,
3.8035


195.0973,
266.9722, 146.0156


 6.4939, 14.4854,
1.5182


 28.2590, 48.1528,
13.5540


 3.1911, 8.4591,
0.2314


 40.6843, 65.8527,
21.8562


 1.2556, 4.3901,
0.0000

 56.3035, 87.4319,
33.0012

 0.1496, 1.8941,
0.0000

 75.4821, 113.2749,
47.4074


 0.0000, 0.5448,
0.0000


 98.5854, 143.7660,
65.4934


 0.0000, 0.0000,
0.0000


 125.9788,


179.2896, 87.6777


 158.0277,
220.2302, 114.3789


 11.5292, 22.8536,
3.8035


 11.5292, 22.8536,
3.8035


 11.5295, 22.8545,
3.8037

 11.8860, 23.0280,
4.2821

 12.4859, 23.3195,
5.1127

 13.3831, 23.7533,
6.4552

 14.6099, 24.3445,
8.3739

 16.1942, 25.1064,
10.9238

■ 18.1609, 26.0509,
14.1535

■ 20.5328, 27.1886,
18.1069

■ 23.3309, 28.5295,
22.8241

■ 26.5745, 30.0829,
28.3422

Harmonies

Analogous

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



17.3721, 22.8536, 1.1522



11.5292, 22.8536, 3.8035



8.8771, 22.8536, 14.4839

Triad

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



11.5292, 22.8536, 3.8035



17.6971, 22.8536, 110.7197



43.0764, 22.8536, 13.7483

Complementary

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



11.5292, 22.8536, 3.8035



16.9085, 8.0526, 30.8014

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.



43.2351, 22.8536, 39.3511



11.5292, 22.8536, 3.8035



26.7426, 22.8536, 109.9434

Square

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



11.5292, 22.8536, 3.8035



11.7100, 22.8536, 79.9915



36.6359, 22.8536, 78.2919



36.2485, 22.8536, 3.5832

Rectangle

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



11.5292, 22.8536, 3.8035



8.6273, 22.8536, 30.0937



36.6359, 22.8536, 78.2919



43.9638, 22.8536, 20.3126

Sweetspot

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



11.5297, 22.8546, 3.8040



36.4944, 48.5573, 31.9633



22.5526, 25.6030, 3.7535



7.6816, 10.5412, 6.4279



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



11.5297, 22.8546, 3.8040



20.5859, 40.8965, 6.8088



12.3104, 23.1509, 8.6342



6.1712, 6.9457, 6.6212



9.5407, 18.8943, 3.1441



0.1522, 0.2874, 0.0475

Inverse Universe

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



16.9085, 8.0526, 30.8014



30.2128, 14.3857, 55.1563



14.9515, 7.4984, 10.1670



6.4174, 6.3011, 7.8070



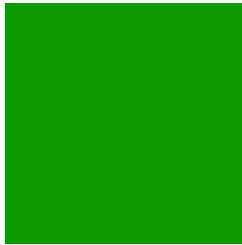
13.9856, 6.6609, 25.4563



0.2204, 0.1054, 0.3811

Previews

White Background



This preview shows how the XYZ color 11.5292, 22.8536, 3.8035 looks on a white background.

Color Contrast Check

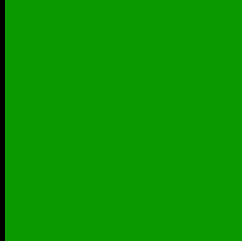
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5292, 22.8536, 3.8035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

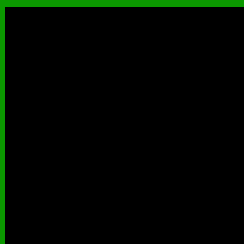
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.5292, 22.8536, 3.8035

Background



This preview shows how black text looks on a background with the XYZ color 11.5292, 22.8536, 3.8035.



This preview shows how white text looks on a background with the XYZ color 11.5292, 22.8536,

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

11.5292, 22.8536, 3.8035

Protanopia

20.1489, 22.4356, 3.2686

Deuteranopia

22.7920, 22.4176, 4.5646



Tritanopia

17.6857, 22.8029, 34.0411

Trichromacy



Original Color

11.5292, 22.8536, 3.8035



Protanomaly

14.2696, 21.0619, 3.3133



Deuteranomaly

14.9837, 20.5702, 3.8902



Tritanomaly

13.5657, 21.9975, 15.0862

Monochromacy



Original Color

11.5292, 22.8536, 3.8035



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

8.9700, 13.6340, 6.2965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5292, 22.8536, 3.8035 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(11, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(11, 153, 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(11, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 153, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.5292, 22.8536, 3.8035 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(11, 153, 0) }
```


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

```
.border{ border-color:rgb(11, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(11, 153, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5292, 22.8536, 3.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 153, 0) }
```

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

```
.background{ background-color: rgb(11, 153,  
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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