

Converting Colors

XYZ(10.9801, 21.7681, 1.7825)

Have a look what the booklet for
XYZ(10.9801, 21.7681, 1.7825)
contains.

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Color

**XYZ(11.2541, 21.7561,
3.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	1D9500
RGB	29, 149, 0
RGB Percent	11%, 58%, 0%
CMY	0.8863, 0.4157, 1.0000
CMYK	0.81, 0.00, 1.00, 0.42
HSL	108°, 100%, 29%
HSV	108°, 100%, 58%
XYZ	11.2541, 21.7561, 3.6062
YIQ	96.1340, -23.6910, -71.7790

Conversions

Conversions Part 2

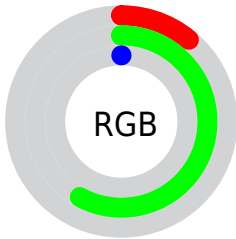
Format	Color
RYB	0, 149, 120
Decimal	1938688
CIELab	53.77, -55.20, 56.06
CIELCh	54, 78.673, 134.555
Yxy	21.7561, 0.3074, 0.5942
Android (android.graphics.Color)	4280128768 (0xFF1D9500)
YUV	96.1340, -47.3941, -58.8765
Hunter-Lab	46.6434, -38.5576, 28.0664

Details

The XYZ color **11.2541, 21.7561, 3.6062** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **13.1732, 6.1646, 28.9305**, and the grayscale version is **11.2672, 11.8539, 12.9089**.

A 20% lighter version of the original color is **27.7040, 46.2121, 13.0899**, and **4.2747, 8.5494, 1.4249** is the 20% darker color. If you saturate the color by 10%, you get **11.2543, 21.7568, 3.6063**, and if you desaturate by 10%, it is **11.7479, 22.0014, 4.0762**.

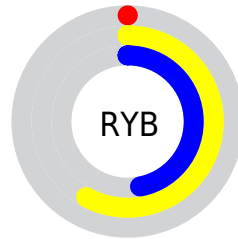
Distribution



Red (11%)

Green (58%)

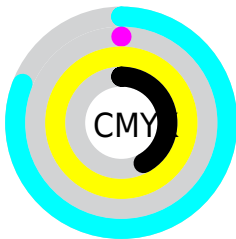
Blue (0%)



Red (0%)

Yellow (58%)

Blue (47%)

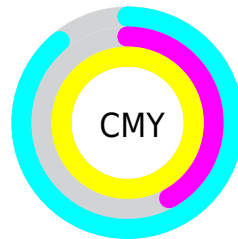


Cyan (81%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (89%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2541, 21.7561, 3.6062 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 11.2541, 21.7561, 3.6062 by changing the saturation by 10% instead.

■ 11.2541, 21.7561,
3.6062

■ 11.2541, 21.7561,
3.6062

193.2751,
261.2699, 143.7422

■ 6.3066, 13.6778,
1.4119

■ 27.7579, 46.3426,
13.0908

■ 3.0748, 7.8969,
0.1510

■ 40.0449, 63.6195,
21.2183

■ 1.1934, 4.0291,
0.0000

■ 55.5090, 84.7314,
32.1605

■ 0.1012, 1.6898,
0.0000

■ 74.5157, 110.0628,
46.3360


■ 0.0000, 0.4171,
0.0000


■ 97.4303, 139.9979,
64.1634


■ 0.0000, 0.0000,
0.0000


■ 124.6182,


174.9212, 86.0612


 156.4447,
215.2171, 112.4480


 11.2541, 21.7561,
3.6062


 11.2541, 21.7561,
3.6062


 11.2543, 21.7568,
3.6063

 11.7479, 22.0014,
4.0762

 12.4481, 22.3455,
4.8728

 13.3962, 22.8070,
6.1499

 14.6142, 23.3959,
7.9671

 16.1216, 24.1213,
10.3758

■ 17.9361, 24.9911,
13.4210

■ 20.0737, 26.0129,
17.1435

■ 22.5494, 27.1936,
21.5807

■ 25.3773, 28.5395,
26.7673

Harmonies

Analogous

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



16.8621, 21.7561, 1.1705



11.2541, 21.7561, 3.6062



8.6484, 21.7561, 13.3416

Triad

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



11.2541, 21.7561, 3.6062



16.6507, 21.7561, 102.6686



40.7004, 21.7561, 13.8224

Complementary

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



11.2541, 21.7561, 3.6062



13.1732, 6.1646, 28.9305

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.



40.5982, 21.7561, 38.3475



11.2541, 21.7561, 3.6062



25.0313, 21.7561, 103.1656

Square

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



11.2541, 21.7561, 3.6062



11.1358, 21.7561, 73.5516



34.2829, 21.7561, 74.6423



34.5329, 21.7561, 3.7536

Rectangle

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



11.2541, 21.7561, 3.6062



8.3527, 21.7561, 27.5754



34.2829, 21.7561, 74.6423



41.4425, 21.7561, 20.1855

Sweetspot

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



11.2546, 21.7570, 3.6067



35.6945, 46.4629, 30.2530



19.0162, 19.6323, 2.7875



7.5757, 10.1369, 6.1171



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.



11.2546, 21.7570, 3.6067



20.0357, 38.9011, 6.4527



11.2161, 21.6831, 6.0475



5.8287, 6.5195, 6.1917



9.4919, 18.3211, 3.0361



0.1356, 0.2342, 0.0381

Inverse Universe

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



13.1732, 6.1646, 28.9305



23.4441, 10.9636, 51.8018



14.9093, 7.3958, 13.8200



5.9259, 5.8528, 7.2871



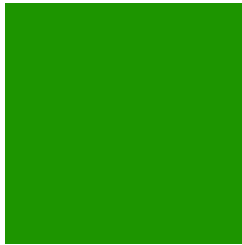
11.1101, 5.2000, 24.3492



0.1587, 0.0754, 0.2991

Previews

White Background



This preview shows how the XYZ color 11.2541, 21.7561, 3.6062 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



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 11.2541, 21.7561, 3.6062

Background



This preview shows how black text looks on a background with the XYZ color 11.2541, 21.7561, 3.6062.



This preview shows how white text looks on a background with the XYZ color 11.2541, 21.7561,

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

11.2541, 21.7561, 3.6062

Protanopia

19.2208, 21.3676, 3.1113

Deuteranopia

21.7960, 21.3561, 4.3399



Tritanopia

17.1215, 21.8962, 32.1781

Trichromacy



Original Color

11.2541, 21.7561, 3.6062



Protanomaly

14.2836, 20.4331, 3.1912



Deuteranomaly

15.0526, 19.7938, 3.6891



Tritanomaly

13.4093, 21.2554, 14.2224

Monochromacy



Original Color

11.2541, 21.7561, 3.6062



Achromatopsia

11.1181, 11.6971, 12.7381



Achromatomaly

9.6455, 13.9761, 6.6042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2541, 21.7561, 3.6062 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(29, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 149, 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(29, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 149, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.2541, 21.7561, 3.6062 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(29, 149, 0) }
```


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

```
.border{ border-color:rgb(29, 149, 0) }
```

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

Here you see how a box with a 4 pixel rgb(29, 149, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(29, 149, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.2541, 21.7561, 3.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 149, 0) }
```

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

```
.background{ background-color: rgb(29, 149,  
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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