

Converting Colors

XYZ(11.1400, 21.6789, 4.4407)

Have a look what the booklet for
XYZ(11.1400, 21.6789, 4.4407)
contains.

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Color

**XYZ(11.1435, 21.6800,
4.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	119518
RGB	17, 149, 24
RGB Percent	7%, 58%, 9%
CMY	0.9333, 0.4157, 0.9059
CMYK	0.89, 0.00, 0.84, 0.42
HSL	123°, 80%, 33%
HSV	123°, 89%, 58%
XYZ	11.1435, 21.6800, 4.4615
YIQ	95.2820, -38.5470, -66.8590

Conversions

Conversions Part 2

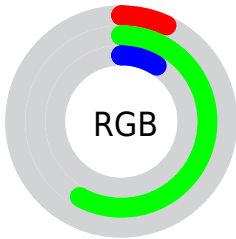
Format	Color
R_{YB}	17, 142, 149
Decimal	1152280
CIE _{Lab}	53.69, -55.65, 51.20
CIE _{LCh}	54, 75.620, 137.388
Yxy	21.6800, 0.2989, 0.5815
Android (android.graphics.Color)	4279342360 (0xFF119518)
YUV	95.2820, -35.1420, -68.6533
Hunter-Lab	46.5618, -38.7632, 26.9121

Details

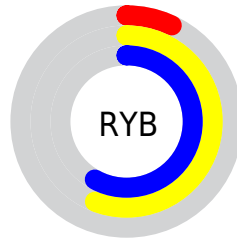
The XYZ color **11.1435, 21.6800, 4.4615** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **17.4777, 8.7437, 26.3570**, and the grayscale version is **11.0341, 11.6087, 12.6419**.

A 20% lighter version of the original color is **27.4545, 46.0402, 15.0291**, and **4.2747, 8.5494, 1.4249** is the 20% darker color. If you saturate the color by 10%, you get **10.8284, 21.5310, 3.8694**, and if you desaturate by 10%, it is **11.6922, 21.9419, 5.4625**.

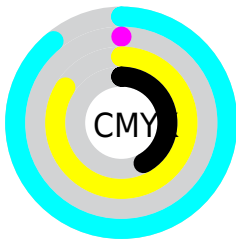
Distribution



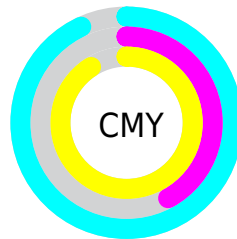
- Red (7%)
- Green (58%)
- Blue (9%)



- Red (7%)
- Yellow (56%)
- Blue (58%)



- Cyan (89%)
- Magenta (0%)
- Yellow (84%)
- Black (42%)



- Cyan (93%)
- Magenta (42%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1435, 21.6800, 4.4615 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 11.1435, 21.6800, 4.4615 by changing the saturation by 10% instead.

■ 11.1435, 21.6800,
4.4615

■ 11.1435, 21.6800,
4.4615

192.5374,
260.8706, 153.2246

■ 6.2314, 13.6220,
1.8818

■ 27.5558, 46.2165,
15.0609

■ 3.0283, 7.8582,
0.4811

■ 39.7868, 63.4638,
23.9176

■ 1.1688, 4.0044,
0.0000

■ 55.1881, 84.5430,
35.7037

■ 0.0815, 1.6760,
0.0000

■ 74.1252, 109.8384,
50.8378

■ 0.0000, 0.4080,
0.0000


■ 96.9632, 139.7345,
69.7384


■ 0.0000, 0.0000,
0.0000


■ 124.0678,


174.6156, 92.8240


 155.8040,
214.8662, 120.5132


 11.1435, 21.6800,
4.4615


 11.1435, 21.6800,
4.4615


 10.8284, 21.5310,
3.8694


 11.6922, 21.9419,
5.4625

 10.7912, 21.5131,
3.8107

 12.5360, 22.3454,
6.9279

 13.7092, 22.9076,
8.9053

 15.2410, 23.6428,
11.4361

 17.1574, 24.5637,
14.5576

■ 19.4821, 25.6816,
18.3036

■ 22.2367, 27.0071,
22.7056

■ 25.4414, 28.5499,
27.7928

■ 29.1151, 30.3192,
33.5928

Harmonies

Analogous

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



16.2965, 21.6800, 1.5036



11.1435, 21.6800, 4.4615



8.8443, 21.6800, 15.1496

Triad

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



11.1435, 21.6800, 4.4615



17.3913, 21.6800, 99.2877



39.3123, 21.6800, 12.6343

Complementary

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



11.1435, 21.6800, 4.4615



17.4777, 8.7437, 26.3570

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.



39.8308, 21.6800, 34.7371



11.1435, 21.6800, 4.4615



25.6157, 21.6800, 96.8042

Square

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



11.1435, 21.6800, 4.4615



11.7633, 21.6800, 73.9490



34.3132, 21.6800, 68.4681



33.0411, 21.6800, 3.6513

Rectangle

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



11.1435, 21.6800, 4.4615



8.7048, 21.6800, 29.8133



34.3132, 21.6800, 68.4681



40.2143, 21.6800, 18.3260

Sweetspot

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



11.1440, 21.6809, 4.4620



35.3658, 46.2203, 33.5435



22.0736, 27.3227, 4.6408



7.5343, 10.0972, 6.9470



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.



11.1440, 21.6809, 4.4620



19.3036, 38.5171, 6.7125



12.8076, 22.3464, 13.2226



5.7413, 6.4731, 6.2488



9.0855, 18.1070, 3.2260



0.1137, 0.2226, 0.0525

Inverse Universe

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



17.4777, 8.7437, 26.3570



30.7979, 14.8833, 46.3315



13.9139, 7.3182, 7.5902



6.0222, 5.9039, 7.2229



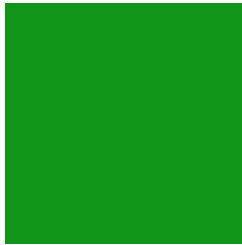
14.4874, 7.0000, 21.8453



0.1806, 0.0870, 0.2846

Previews

White Background



This preview shows how the XYZ color 11.1435, 21.6800, 4.4615 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 11.1435, 21.6800, 4.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

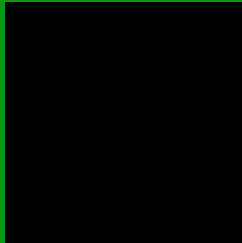
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.1435, 21.6800, 4.4615

Background



This preview shows how black text looks on a background with the XYZ color 11.1435, 21.6800, 4.4615.



This preview shows how white text looks on a background with the XYZ color 11.1435, 21.6800,

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

11.1435, 21.6800, 4.4615

Protanopia

19.3300, 21.4113, 3.6863

Deuteranopia

21.7008, 21.2948, 4.8860



Tritanopia

16.8520, 21.7572, 32.1655

Trichromacy



Original Color

11.1435, 21.6800, 4.4615



Protanomaly

13.9674, 20.2555, 3.8354



Deuteranomaly

14.5894, 19.5362, 4.5153



Tritanomaly

13.4934, 21.2487, 16.4869

Monochromacy



Original Color

11.1435, 21.6800, 4.4615



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

9.5197, 13.8844, 7.8084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1435, 21.6800, 4.4615 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(17, 149, 24)` looks like.

```
.text, #text, p{  
    color:rgb(17, 149, 24)  
}
```

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(17, 149, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 149, 24) }
```

Border

The CSS property to change the border of an element to XYZ 11.1435, 21.6800, 4.4615 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(17, 149, 24) }
```


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

```
.border{ border-color:rgb(17, 149, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 149, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 149, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 149, 24);  
box-shadow:4px 4px 4px 4px rgb(17, 149,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1435, 21.6800, 4.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 149, 24) }
```

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

```
.background{ background-color: rgb(17, 149,  
24) }
```

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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