

Converting Colors

XYZ(11.3102, 21.7660, 4.5024)

Have a look what the booklet for
XYZ(11.3102, 21.7660, 4.5024)
contains.

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Color

**XYZ(11.3238, 21.7718,
4.5252)**

Conversions

Conversions Part 1

Format	Color
Hex	199519
RGB	25, 149, 25
RGB Percent	10%, 58%, 10%
CMY	0.9020, 0.4157, 0.9019
CMYK	0.83, 0.00, 0.83, 0.42
HSL	120°, 71%, 34%
HSV	120°, 83%, 58%
XYZ	11.3238, 21.7718, 4.5252
YIQ	97.7880, -34.1000, -64.8520

Conversions

Conversions Part 2

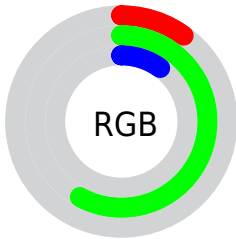
Format	Color
R_{YB}	25, 149, 149
Decimal	1676569
CIE _{Lab}	53.78, -54.76, 51.04
CIE _{LCh}	54, 74.861, 137.015
Yxy	21.7718, 0.3010, 0.5787
Android (android.graphics.Color)	4279866649 (0xFF199519)
YUV	97.7880, -35.8845, -63.8351
Hunter-Lab	46.6603, -38.3360, 26.9121

Details

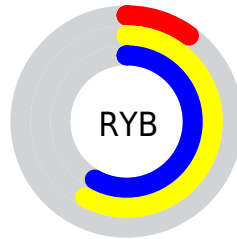
The XYZ color **11.3238, 21.7718, 4.5252** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **18.1671, 9.2549, 29.2611**, and the grayscale version is **11.6496, 12.2563, 13.3471**.

A 20% lighter version of the original color is **27.7974, 46.2127, 15.2395**, and **4.2747, 8.5494, 1.4249** is the 20% darker color. If you saturate the color by 10%, you get **10.9297, 21.5832, 3.8801**, and if you desaturate by 10%, it is **12.0004, 22.0975, 5.6317**.

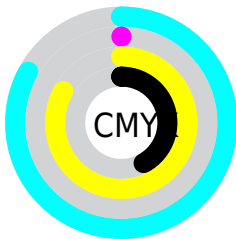
Distribution



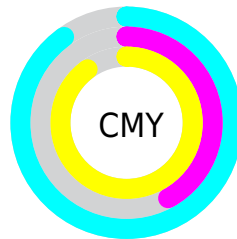
- Red (10%)
- Green (58%)
- Blue (10%)



- Red (10%)
- Yellow (58%)
- Blue (10%)



- Cyan (83%)
- Magenta (0%)
- Yellow (83%)
- Black (42%)



- Cyan (90%)
- Magenta (42%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3238, 21.7718, 4.5252 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 11.3238, 21.7718, 4.5252 by changing the saturation by 10% instead.

■ 11.3238, 21.7718,
4.5252

■ 11.3238, 21.7718,
4.5252

193.7385,
261.3522, 153.8954

■ 6.3540, 13.6893,
1.9177

■ 27.8851, 46.3685,
15.2040

■ 3.1042, 7.9049,
0.5039

■ 40.2072, 63.6516,
24.1123

■ 1.2091, 4.0342,
0.0000

■ 55.7108, 84.7703,
35.9580

■ 0.1135, 1.6927,
0.0000

■ 74.7613, 110.1090,
51.1595

■ 0.0000, 0.4189,
0.0000

■ 97.7239, 140.0522,
70.1355

■ 0.0000, 0.0000,
0.0000

■ 124.9641,

174.9842, 93.3045

156.8472,
215.2894, 121.0849

11.3238, 21.7718,
4.5252

11.3238, 21.7718,
4.5252

10.9297, 21.5832,
3.8801

12.0004, 22.0975,
5.6317

10.7480, 21.4959,
3.5829

12.9974, 22.5764,
7.2625

14.3482, 23.2252,
9.4721

16.0820, 24.0580,
12.3079

18.2246, 25.0872,
15.8125

■ 20.7997, 26.3242,
20.0247

■ 23.8294, 27.7796,
24.9802

■ 27.3341, 29.4630,
30.7125

■ 31.3328, 31.3838,
37.2530

Harmonies

Analogous

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



16.4935, 21.7718, 1.5753



11.3238, 21.7718, 4.5252



8.9941, 21.7718, 15.0887

Triad

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



11.3238, 21.7718, 4.5252



17.4124, 21.7718, 98.2477



39.2624, 21.7718, 12.9718

Complementary

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



11.3238, 21.7718, 4.5252



18.1671, 9.2549, 29.2611

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.



39.6951, 21.7718, 35.1028



11.3238, 21.7718, 4.5252



25.5519, 21.7718, 96.1840

Square

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



11.3238, 21.7718, 4.5252



11.8457, 21.7718, 73.0440



34.1786, 21.7718, 68.4826



33.1162, 21.7718, 3.8341

Rectangle

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



11.3238, 21.7718, 4.5252



8.8347, 21.7718, 29.5312



34.1786, 21.7718, 68.4826



40.1280, 21.7718, 18.7018

Sweetspot

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



11.3243, 21.7727, 4.5257



36.1242, 46.6014, 34.0219



23.3183, 27.9559, 5.0866



7.6758, 10.1691, 7.0002



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.



11.3243, 21.7727, 4.5257



19.2474, 38.4946, 6.4161



12.8691, 22.3906, 12.6605



5.7296, 6.4684, 6.1871



9.0455, 18.0910, 3.0154



0.1107, 0.2214, 0.0369

Inverse Universe

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



18.1671, 9.2549, 29.2611



31.9108, 15.3285, 52.1920



14.4629, 7.7732, 9.7551



6.0353, 5.9092, 7.2922



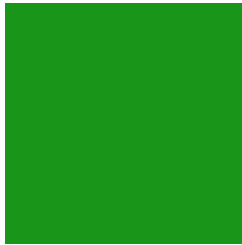
14.9969, 7.2038, 24.5283



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 11.3238, 21.7718, 4.5252 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 11.3238, 21.7718, 4.5252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

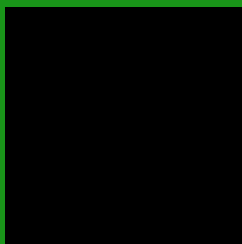
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.3238, 21.7718, 4.5252

Background



This preview shows how black text looks on a background with the XYZ color 11.3238, 21.7718, 4.5252.



This preview shows how white text looks on a background with the XYZ color 11.3238, 21.7718,

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

11.3238, 21.7718, 4.5252

Protanopia

19.3383, 21.4147, 3.7303

Deuteranopia

21.7176, 21.3015, 4.9744



Tritanopia

16.9844, 21.8255, 32.1717

Trichromacy



Original Color

11.3238, 21.7718, 4.5252



Protanomaly

14.3063, 20.4292, 3.8987



Deuteranomaly

14.9752, 19.7335, 4.6098



Tritanomaly

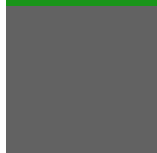
13.7375, 21.3686, 16.7651

Monochromacy



Original Color

11.3238, 21.7718, 4.5252



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

10.0972, 14.5171, 8.2311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3238, 21.7718, 4.5252 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(25, 149, 25)` looks like.

```
.text, #text, p{  
    color:rgb(25, 149, 25)  
}
```

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(25, 149, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 149, 25) }
```

Border

The CSS property to change the border of an element to XYZ 11.3238, 21.7718, 4.5252 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(25, 149, 25) }
```


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

```
.border{ border-color:rgb(25, 149, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 149, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 149, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 149, 25);  
box-shadow:4px 4px 4px 4px rgb(25, 149,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3238, 21.7718, 4.5252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 149, 25) }
```

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

```
.background{ background-color: rgb(25, 149,  
25) }
```

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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