

Converting Colors

XYZ(11.4580, 19.6449, 11.5750)

Have a look what the booklet for
XYZ(11.4580, 19.6449, 11.5750)
contains.

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Color

**XYZ(11.4572, 19.6431,
11.5752)**

Conversions

Conversions Part 1

Format	Color
Hex	1C8C54
RGB	28, 140, 84
RGB Percent	11%, 55%, 33%
CMY	0.8902, 0.4510, 0.6706
CMYK	0.80, 0.00, 0.40, 0.45
HSL	150°, 67%, 33%
HSV	150°, 80%, 55%
XYZ	11.4572, 19.6431, 11.5752
YIQ	100.1280, -48.7760, -41.1600

Conversions

Conversions Part 2

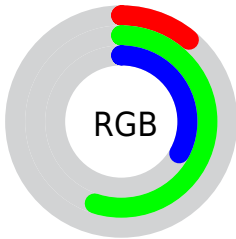
Format	Color
R_{YB}	28, 103, 140
Decimal	1870932
CIE _{Lab}	51.43, -43.66, 21.52
CIE _{LCh}	51, 48.674, 153.765
Yxy	19.6431, 0.2685, 0.4603
Android (android.graphics.Color)	4280061012 (0xFF1C8C54)
YUV	100.1280, -7.9511, -63.2563
Hunter-Lab	44.3205, -31.4173, 15.5396

Details

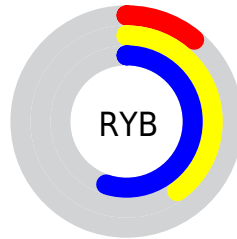
The XYZ color **11.4572, 19.6431, 11.5752** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.8313, 7.0465, 9.0721**, and the grayscale version is **12.1749, 12.8089, 13.9489**.

A 20% lighter version of the original color is **28.2318, 43.0268, 29.3713**, and **3.9222, 7.2847, 3.0331** is the 20% darker color. If you saturate the color by 10%, you get **10.8992, 19.3861, 10.1889**, and if you desaturate by 10%, it is **12.2218, 20.0045, 13.1151**.

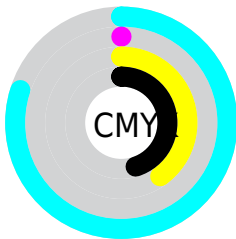
Distribution



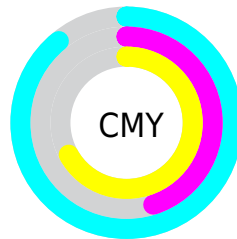
- Red (11%)
- Green (55%)
- Blue (33%)



- Red (11%)
- Yellow (40%)
- Blue (55%)



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)



- Cyan (89%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4572, 19.6431, 11.5752 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 11.4572, 19.6431, 11.5752 by changing the saturation by 10% instead.

■ 11.4572, 19.6431,
11.5752

■ 11.4572, 19.6431,
11.5752

194.6221,
249.9764, 212.4495

■ 6.4448, 12.1359,
6.3361

■ 28.1281, 42.8180,
29.3718

■ 3.1606, 6.8363,
2.9784

■ 40.5173, 59.2545,
42.7663

■ 1.2392, 3.3599,
1.0836

■ 56.0961, 79.4361,
59.7164

■ 0.1370, 1.3224,
0.0000

■ 75.2299, 103.7474,
80.6406

■ 0.0000, 0.1585,
0.0000

■ 98.2840, 132.5727,
105.9575

■ 0.0000, 0.0000,
0.0000

■ 125.6239,

166.2963, 136.0856

157.6148,
205.3028, 171.4434

■ 11.4572, 19.6431,
11.5752

■ 11.4572, 19.6431,
11.5752

■ 10.8992, 19.3861,
10.1889

■ 12.2218, 20.0045,
13.1151

■ 10.4840, 19.1991,
8.9478

■ 13.2142, 20.4796,
14.8123

■ 10.4839, 19.1990,
8.9476

■ 14.4544, 21.0791,
16.6721

■ 15.9597, 21.8118,
18.6990

■ 17.7458, 22.6857,
20.8972

■ 19.8272, 23.7083,
23.2709

■ 22.2172, 24.8864,
25.8241

■ 24.9284, 26.2263,
28.5607

■ 27.9726, 27.7341,
31.4843

Harmonies

Analogous

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



13.9272, 19.6431, 5.9269



11.4572, 19.6431, 11.5752



10.7875, 19.6431, 23.2008

Triad

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



11.4572, 19.6431, 11.5752



19.2929, 19.6431, 60.9502



27.6037, 19.6431, 9.6625

Complementary

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



11.4572, 19.6431, 11.5752



12.8313, 7.0465, 9.0721

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.



29.6808, 19.6431, 19.6722



11.4572, 19.6431, 11.5752



24.3836, 19.6431, 52.3940

Square

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



11.4572, 19.6431, 11.5752



14.8232, 19.6431, 55.6651



28.4108, 19.6431, 35.5962



23.1311, 19.6431, 5.2083

Rectangle

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



11.4572, 19.6431, 11.5752



11.3342, 19.6431, 34.1424



28.4108, 19.6431, 35.5962



28.6375, 19.6431, 12.2864

Sweetspot

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



11.4577, 19.6439, 11.5757



33.2350, 40.9516, 39.1011



13.4138, 20.8129, 4.4091



7.3944, 9.3067, 8.7066



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.4577, 19.6439, 11.5757



18.6516, 33.9256, 16.1890



14.4547, 20.8427, 27.3575



5.0693, 5.6472, 5.8860



9.3251, 17.0626, 8.0025



0.0693, 0.1163, 0.0920

Inverse Universe

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



12.8313, 7.0465, 9.0721



21.1734, 10.7978, 11.5926



11.4636, 6.4994, 1.8699



5.1303, 5.0876, 5.7748



10.6021, 5.3510, 5.6750



0.0778, 0.0385, 0.0766

Previews

White Background



This preview shows how the XYZ color 11.4572, 19.6431, 11.5752 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 11.4572, 19.6431, 11.5752 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 11.4572, 19.6431, 11.5752

Background



This preview shows how black text looks on a background with the XYZ color 11.4572, 19.6431, 11.5752.



This preview shows how white text looks on a background with the XYZ color 11.4572, 19.6431,

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

11.4572, 19.6431, 11.5752

Protanopia

17.9720, 19.4414, 9.8265

Deuteranopia

19.6661, 19.3731, 12.1541



Tritanopia

15.1089, 19.6585, 29.3837

Trichromacy



Original Color

11.4572, 19.6431, 11.5752



Protanomaly

14.0175, 18.7126, 10.4625



Deuteranomaly

14.5334, 18.1801, 11.7599



Tritanomaly

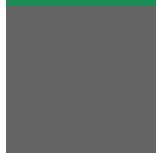
13.4437, 19.5943, 21.4859

Monochromacy



Original Color

11.4572, 19.6431, 11.5752



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

10.9752, 14.5255, 12.8149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4572, 19.6431, 11.5752 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(28, 140, 84)` looks like.

```
.text, #text, p{  
    color:rgb(28, 140, 84)  
}
```

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(28, 140, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 140, 84) }
```

Border

The CSS property to change the border of an element to XYZ 11.4572, 19.6431, 11.5752 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(28, 140, 84) }
```


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

```
.border{ border-color:rgb(28, 140, 84) }
```

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

Here you see how a box with a 4 pixel rgb(28, 140, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 140, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 140, 84);  
box-shadow:4px 4px 4px 4px rgb(28, 140,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4572, 19.6431, 11.5752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 140, 84) }
```

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

```
.background{ background-color: rgb(28, 140,  
84) }
```

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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