

Converting Colors

XYZ(11.1245, 19.1550, 6.3598)

Have a look what the booklet for
XYZ(11.1245, 19.1550, 6.3598)
contains.

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Color

**XYZ(11.1245, 19.1550,
6.3598)**

Conversions

Conversions Part 1

Format	Color
Hex	348A34
RGB	52, 138, 52
RGB Percent	20%, 54%, 20%
CMY	0.7961, 0.4588, 0.7961
CMYK	0.62, 0.00, 0.62, 0.46
HSL	120°, 45%, 37%
HSV	120°, 62%, 54%
XYZ	11.1245, 19.1550, 6.3598
YIQ	102.4820, -23.6500, -44.9780

Conversions

Conversions Part 2

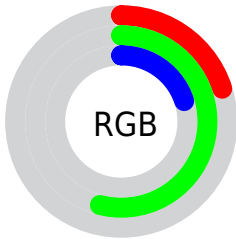
Format	Color
RYB	52, 138, 138
Decimal	3443252
CIELab	50.87, -43.65, 37.69
CIElCh	51, 57.668, 139.188
Yxy	19.1550, 0.3036, 0.5228
Android (android.graphics.Color)	4281633332 (0xFF348A34)
YUV	102.4820, -24.8876, -44.2727
Hunter-Lab	43.7664, -31.2203, 22.0209

Details

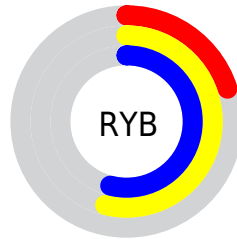
The XYZ color **11.1245, 19.1550, 6.3598** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **16.2972, 9.6945, 25.0571**, and the grayscale version is **12.8238, 13.4917, 14.6924**.

A 20% lighter version of the original color is **27.4323, 41.8467, 19.2018**, and **3.4082, 6.8164, 1.1361** is the 20% darker color. If you saturate the color by 10%, you get **10.2487, 18.7349, 4.9270**, and if you desaturate by 10%, it is **12.2998, 19.7201, 8.2819**.

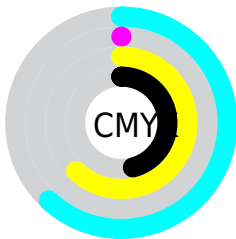
Distribution



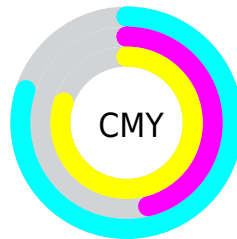
- Red (20%)
- Green (54%)
- Blue (20%)



- Red (20%)
- Yellow (54%)
- Blue (54%)



- Cyan (62%)
- Magenta (0%)
- Yellow (62%)
- Black (46%)



- Cyan (80%)
- Magenta (46%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1245, 19.1550, 6.3598 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 11.1245, 19.1550, 6.3598 by changing the saturation by 10% instead.

■ 11.1245, 19.1550,
6.3598

■ 11.1245, 19.1550,
6.3598

192.4104,
247.3031, 171.6567

■ 6.2185, 11.7823,
2.9928

■ 27.5211, 41.9958,
19.1637

■ 3.0203, 6.5956,
1.0909

■ 39.7424, 58.2328,
29.4376

■ 1.1645, 3.2105,
0.0000

■ 55.1329, 78.1933,
42.8508

■ 0.0781, 1.2426,
0.0000

■ 74.0579, 102.2618,
59.8220

■ 0.0000, 0.0961,
0.0000

■ 96.8828, 130.8226,
80.7697

■ 0.0000, 0.0000,
0.0000

■ 123.9730,

164.2602, 106.1123

155.6937,
202.9589, 136.2684

■ 11.1245, 19.1550,
6.3598

■ 11.1245, 19.1550,
6.3598

■ 10.2487, 18.7349,
4.9270

■ 12.2998, 19.7201,
8.2819

■ 9.6442, 18.4445,
3.9381

■ 13.7969, 20.4392,
10.7306

■ 9.2798, 18.2695,
3.3420

■ 15.6374, 21.3234,
13.7412

■ 9.0889, 18.1778,
3.0298

■ 17.8410, 22.3819,
17.3456

■ 20.4256, 23.6234,
21.5730

■ 23.4079, 25.0559,
26.4512

■ 26.8039, 26.6872,
32.0058

■ 30.6284, 28.5243,
38.2613

■ 34.8957, 30.5741,
45.2411

Harmonies

Analogous

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



14.8455, 19.1550, 3.0629



11.1245, 19.1550, 6.3598



9.4435, 19.1550, 15.5192

Triad

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



11.1245, 19.1550, 6.3598



16.2323, 19.1550, 69.1758



30.6004, 19.1550, 12.1685

Complementary

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



11.1245, 19.1550, 6.3598



16.2972, 9.6945, 25.0571

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.



31.1881, 19.1550, 27.2956



11.1245, 19.1550, 6.3598



22.0394, 19.1550, 66.5777

Square

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



11.1245, 19.1550, 6.3598



11.9572, 19.1550, 54.6435



27.7930, 19.1550, 48.7277



26.3233, 19.1550, 5.0049

Rectangle

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



11.1245, 19.1550, 6.3598



9.4088, 19.1550, 26.2637



27.7930, 19.1550, 48.7277



31.2652, 19.1550, 16.2477

Sweetspot

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



11.1250, 19.1558, 6.3602



32.7031, 40.0538, 32.6285



20.1904, 23.8292, 6.7842



7.0934, 8.8678, 6.9231



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.1250, 19.1558, 6.3602



17.5524, 32.7762, 7.8467



12.5707, 19.7341, 13.9733



4.9719, 5.6082, 5.3729



8.3329, 16.6657, 2.7777



0.0554, 0.1107, 0.0185

Inverse Universe

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



16.2972, 9.6945, 25.0571



27.4850, 14.6068, 43.7518



13.7753, 8.6858, 11.7773



5.2339, 5.1290, 6.3199



13.8156, 6.6364, 22.5970



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 11.1245, 19.1550, 6.3598 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 11.1245, 19.1550, 6.3598 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 11.1245, 19.1550, 6.3598

Background



This preview shows how black text looks on a background with the XYZ color 11.1245, 19.1550, 6.3598.



This preview shows how white text looks on a background with the XYZ color 11.1245, 19.1550,

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

11.1245, 19.1550, 6.3598

Protanopia

17.1820, 18.9483, 5.4411

Deuteranopia

19.1329, 18.8731, 6.7721



Tritanopia

15.4079, 19.0498, 27.6758

Trichromacy



Original Color

11.1245, 19.1550, 6.3598

Protanomaly

13.8527, 18.3436, 5.7163

Deuteranomaly

14.6068, 17.9622, 6.4386

Tritanomaly

13.2048, 18.7435, 17.1092

Monochromacy



Original Color

11.1245, 19.1550, 6.3598

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.3871, 14.7864, 10.6414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1245, 19.1550, 6.3598 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(52, 138, 52)` looks like.

```
.text, #text, p{  
    color:rgb(52, 138, 52)  
}
```

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(52, 138, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 138, 52) }
```

Border

The CSS property to change the border of an element to XYZ 11.1245, 19.1550, 6.3598 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(52, 138, 52) }
```


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

```
.border{ border-color:rgb(52, 138, 52) }
```

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

Here you see how a box with a 4 pixel rgb(52, 138, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 138, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 138, 52);  
box-shadow:4px 4px 4px 4px rgb(52, 138,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1245, 19.1550, 6.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 138, 52) }
```

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

```
.background{ background-color: rgb(52, 138,  
52) }
```

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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