

Converting Colors

XYZ(11.0912, 19.2531, 6.9604)

Have a look what the booklet for
XYZ(11.0912, 19.2531, 6.9604)
contains.

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Color

**XYZ(11.1434, 19.3650,
7.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	2F8B39
RGB	47, 139, 57
RGB Percent	18%, 55%, 22%
CMY	0.8157, 0.4549, 0.7765
CMYK	0.66, 0.00, 0.59, 0.45
HSL	127°, 49%, 36%
HSV	127°, 66%, 55%
XYZ	11.1434, 19.3650, 7.0214
YIQ	102.1440, -28.5100, -45.0060

Conversions

Conversions Part 2

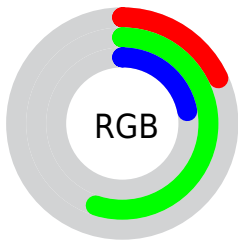
Format	Color
RYB	47, 130, 139
Decimal	3115833
CIELab	51.11, -44.56, 35.51
CIELCh	51, 56.975, 141.449
Yxy	19.3650, 0.2969, 0.5160
Android (android.graphics.Color)	4281305913 (0xFF2F8B39)
YUV	102.1440, -22.2560, -48.3613
Hunter-Lab	44.0057, -31.8090, 21.3439

Details

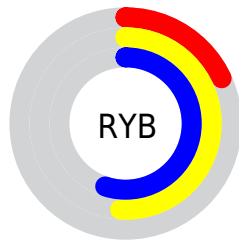
The XYZ color **11.1434, 19.3650, 7.0214** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **15.6269, 9.1072, 21.7031**, and the grayscale version is **12.7291, 13.3920, 14.5839**.

A 20% lighter version of the original color is **27.4327, 42.1445, 20.5988**, and **3.5226, 6.9926, 1.3363** is the 20% darker color. If you saturate the color by 10%, you get **10.3296, 18.9775, 5.5624**, and if you desaturate by 10%, it is **12.2377, 19.8895, 8.8882**.

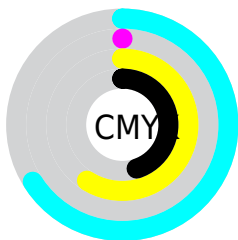
Distribution



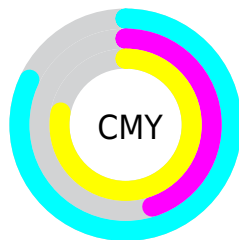
- Red (18%)
- Green (55%)
- Blue (22%)



- Red (18%)
- Yellow (51%)
- Blue (55%)



- Cyan (66%)
- Magenta (0%)
- Yellow (59%)
- Black (45%)



- Cyan (82%)
- Magenta (45%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1434, 19.3650, 7.0214 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 11.1434, 19.3650, 7.0214 by changing the saturation by 10% instead.

■ 11.1434, 19.3650,
7.0214

■ 11.1434, 19.3650,
7.0214

192.5368,
248.4564, 177.4791

■ 6.2314, 11.9343,
3.3968

■ 27.5556, 42.3500,
20.5299

■ 3.0283, 6.6990,
1.3007

■ 39.7866, 58.6730,
31.2508

■ 1.1687, 3.2746,
0.0623

■ 55.1878, 78.7290,
45.1743

■ 0.0815, 1.2767,
0.0000

■ 74.1248, 102.9023,
62.7189

■ 0.0000, 0.1231,
0.0000

■ 96.9628, 131.5773,
84.3032

■ 0.0000, 0.0000,
0.0000

■ 124.0673,

165.1384, 110.3456

155.8035,
203.9700, 141.2647

■ 11.1434, 19.3650,
7.0214

■ 11.1434, 19.3650,
7.0214

■ 10.3296, 18.9775,
5.5624

■ 12.2377, 19.8895,
8.8882

■ 9.7693, 18.7120,
4.4794

■ 13.6337, 20.5597,
11.1887

■ 9.4242, 18.5502,
3.7380

■ 15.3521, 21.3863,
13.9484

■ 9.3201, 18.5009,
3.5360

■ 17.4115, 22.3783,
17.1902

■ 19.8289, 23.5441,
20.9356

■ 22.6202, 24.8915,
25.2048

■ 25.8004, 26.4278,
30.0169

■ 29.3837, 28.1598,
35.3900

■ 33.3836, 30.0942,
41.3414

Harmonies

Analogous

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



14.7085, 19.3650, 3.3517



11.1434, 19.3650, 7.0214



9.6099, 19.3650, 16.7847

Triad

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



11.1434, 19.3650, 7.0214



16.8356, 19.3650, 69.3176



30.4973, 19.3650, 11.6234

Complementary

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



11.1434, 19.3650, 7.0214



15.6269, 9.1072, 21.7031

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.



31.3912, 19.3650, 26.0639



11.1434, 19.3650, 7.0214



22.6760, 19.3650, 65.3905

Square

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



11.1434, 19.3650, 7.0214



12.4260, 19.3650, 56.0276



28.2885, 19.3650, 47.0624



26.0497, 19.3650, 4.9027

Rectangle

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



11.1434, 19.3650, 7.0214



9.6719, 19.3650, 27.8915



28.2885, 19.3650, 47.0624



31.2551, 19.3650, 15.4874

Sweetspot

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



11.1439, 19.3658, 7.0218



33.5899, 41.2361, 34.5294



18.9218, 23.4015, 6.2089



7.4940, 9.3832, 7.5750



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.



11.1439, 19.3658, 7.0218



17.9899, 33.7429, 9.0023



12.8136, 20.0337, 15.8144



4.9925, 5.6165, 5.4817



8.4150, 16.6986, 3.2101



0.0584, 0.1119, 0.0344

Inverse Universe

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



15.6269, 9.1072, 21.7031



26.5986, 13.9522, 37.1273



13.2569, 8.1592, 9.2228



5.2108, 5.1198, 6.1987



12.8908, 6.2664, 17.7269



0.0887, 0.0429, 0.1341

Previews

White Background



This preview shows how the XYZ color 11.1434, 19.3650, 7.0214 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 11.1434, 19.3650, 7.0214 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 11.1434, 19.3650, 7.0214

Background



This preview shows how black text looks on a background with the XYZ color 11.1434, 19.3650, 7.0214.



This preview shows how white text looks on a background with the XYZ color 11.1434, 19.3650,

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

11.1434, 19.3650, 7.0214

Protanopia

17.4489, 19.0736, 6.0107

Deuteranopia

19.2689, 18.9275, 7.4883



Tritanopia

15.3161, 19.1904, 28.0962

Trichromacy



Original Color

11.1434, 19.3650, 7.0214

Protanomaly

13.9785, 18.5882, 6.3412

Deuteranomaly

14.6055, 18.1317, 7.1449

Tritanomaly

13.1886, 18.9250, 17.7096

Monochromacy



Original Color

11.1434, 19.3650, 7.0214

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.2901, 14.7272, 11.0517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1434, 19.3650, 7.0214 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(47, 139, 57)` looks like.

```
.text, #text, p{  
    color:rgb(47, 139, 57)  
}
```

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(47, 139, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 139, 57) }
```

Border

The CSS property to change the border of an element to XYZ 11.1434, 19.3650, 7.0214 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(47, 139, 57) }
```


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

```
.border{ border-color:rgb(47, 139, 57) }
```

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

Here you see how a box with a 4 pixel rgb(47, 139, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 139, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 139, 57);  
box-shadow:4px 4px 4px 4px rgb(47, 139,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1434, 19.3650, 7.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 139, 57) }
```

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

```
.background{ background-color: rgb(47, 139,  
57) }
```

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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