

Converting Colors

XYZ(29.0535, 38.3832, 11.2301)

Have a look what the booklet for
XYZ(29.0535, 38.3832, 11.2301)
contains.

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Color

**XYZ(29.1463, 38.5419,
11.2134)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 94B243 |
| RGB | 148, 178, 67 |
| RGB Percent | 58%, 70%, 26% |
| CMY | 0.4196, 0.3019, 0.7372 |
| CMYK | 0.17, 0.00, 0.62, 0.30 |
| HSL | 76°, 45%, 48% |
| HSV | 76°, 62%, 70% |
| XYZ | 29.1463, 38.5419, 11.2134 |
| YIQ | 156.3760, 17.7510, -40.8810 |

Conversions

Conversions Part 2

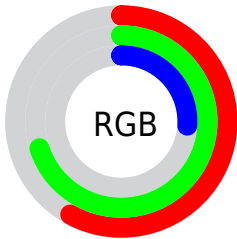
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 67, 178, 97 |
| Decimal | 9744963 |
| CIELab | 68.42, -26.70, 51.80 |
| CIELCh | 68, 58.278, 117.267 |
| Yxy | 38.5419, 0.3694, 0.4885 |
| Android (android.graphics.Color) | 4287935043 (0xFF94B243) |
| YUV | 156.3760, -44.0624, -7.3458 |
| Hunter-Lab | 62.0821, -24.8416, 32.7484 |

Details

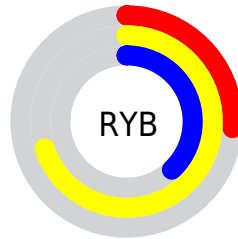
The XYZ color **29.1463, 38.5419, 11.2134** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **14.9743, 9.7711, 43.2184**, and the grayscale version is **31.9543, 33.6184, 36.6105**.

A 20% lighter version of the original color is **57.7148, 73.0391, 28.8254**, and **11.9826, 17.0601, 2.8337** is the 20% darker color. If you saturate the color by 10%, you get **27.8403, 37.9224, 8.7807**, and if you desaturate by 10%, it is **30.6545, 39.2492, 14.5138**.

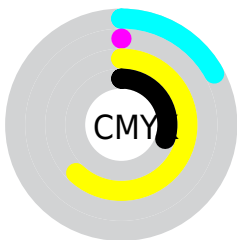
Distribution



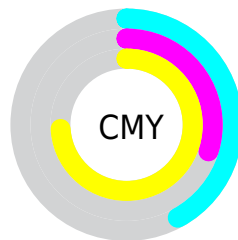
- Red (58%)
- Green (70%)
- Blue (26%)



- Red (26%)
- Yellow (70%)
- Blue (38%)



- Cyan (17%)
- Magenta (0%)
- Yellow (62%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1463, 38.5419, 11.2134 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 29.1463, 38.5419, 11.2134 by changing the saturation by 10% instead.


 29.1463, 38.5419,
11.2134


 29.1463, 38.5419,
11.2134


289.8864,
339.9389, 209.9155


 19.3364, 26.4035,
6.0946

 57.7054, 72.9380,
28.6968

 12.0190, 17.1258,
2.8330


 77.1853, 95.9645,
41.8984


 6.8289, 10.3242,
1.0100


 100.6192,
123.3892, 58.6314

 3.4007, 5.6144,
0.0000

 128.3724,
155.5964, 79.3143

 1.3690, 2.6121,
0.0000

 160.8104,
192.9706, 104.3656

 0.2340, 0.9327,
0.0000

198.2985,

 0.0000, 0.0000,

235.8961, 134.2039

0.0000

241.2020,
284.7575, 169.2477

■ 29.1463, 38.5419,
11.2134

■ 29.1463, 38.5419,
11.2134

■ 27.8403, 37.9224,
8.7807

■ 30.6545, 39.2492,
14.5138

■ 26.7176, 37.3790,
7.1310

■ 32.3761, 40.0447,
18.7511

■ 25.7602, 36.9058,
6.1673

■ 34.3248, 40.9353,
23.9906

■ 25.1101, 36.5795,
5.7371

■ 36.5120, 41.9257,
30.2909

■ 38.9484, 43.0201,
37.7060

■ 41.6440, 44.2226,
46.2863

■ 44.6082, 45.5371,
56.0794

■ 47.8499, 46.9670,
67.1297

■ 51.3774, 48.5158,
79.4798

Harmonies

Analogous

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



37.4786, 38.5419, 9.0671



29.1463, 38.5419, 11.2134



23.7319, 38.5419, 20.1836

Triad

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



29.1463, 38.5419, 11.2134



27.9159, 38.5419, 100.2554



57.1769, 38.5419, 44.4154

Complementary

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



29.1463, 38.5419, 11.2134



14.9743, 9.7711, 43.2184

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.



53.5235, 38.5419, 75.5503



29.1463, 38.5419, 11.2134



35.8000, 38.5419, 115.1397

Square

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



29.1463, 38.5419, 11.2134



23.1090, 38.5419, 69.5552



45.3029, 38.5419, 104.6125



54.6115, 38.5419, 22.8487

Rectangle

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



29.1463, 38.5419, 11.2134



22.0068, 38.5419, 31.8067



45.3029, 38.5419, 104.6125



56.6232, 38.5419, 54.0855

Sweetspot

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



29.1472, 38.5436, 11.2142



67.4988, 76.6068, 58.7837



23.6124, 18.3471, 7.6076



14.6868, 16.8517, 12.2233



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.1472, 38.5436, 11.2142



49.6440, 68.3621, 14.5834



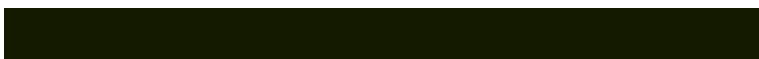
21.4389, 34.5699, 10.8535



8.9686, 9.7889, 9.0693



18.0280, 26.2039, 4.1077



0.6194, 0.8514, 0.1317

Inverse Universe

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



14.9743, 9.7711, 43.2184



21.9185, 11.8630, 77.5157



23.0120, 13.9147, 43.5946



8.2504, 8.3376, 10.6808



6.6785, 2.7787, 30.3213



0.2672, 0.1168, 0.9567

Previews

White Background



This preview shows how the XYZ color 29.1463, 38.5419, 11.2134 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.1463, 38.5419, 11.2134 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 ✓ Pass

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

XYZ 29.1463, 38.5419, 11.2134

Background



This preview shows how black text looks on a background with the XYZ color 29.1463, 38.5419, 11.2134.



This preview shows how white text looks on a background with the XYZ color 29.1463, 38.5419,

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

29.1463, 38.5419, 11.2134

Protanopia

34.9938, 38.4467, 10.4271

Deuteranopia

38.8831, 38.0566, 11.5996



Tritanopia

36.7549, 38.5098, 48.6760

Trichromacy



Original Color

29.1463, 38.5419, 11.2134

Protanomaly

32.5303, 38.2781, 10.6749

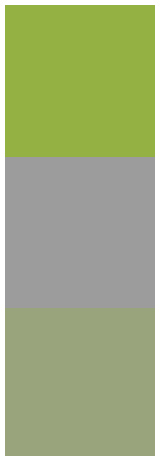
Deuteranomaly

34.6000, 37.6795, 11.4105

Tritanomaly

32.9334, 38.0578, 30.0362

Monochromacy



Original Color

29.1463, 38.5419, 11.2134

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.0504, 34.7785, 24.1979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1463, 38.5419, 11.2134 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(148, 178, 67)` looks like.

```
.text, #text, p{  
    color:rgb(148, 178, 67)  
}
```

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(148, 178, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 178, 67) }
```

Border

The CSS property to change the border of an element to XYZ 29.1463, 38.5419, 11.2134 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(148, 178, 67) }
```


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

```
.border{ border-color:rgb(148, 178, 67) }
```

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

Here you see how a box with a 4 pixel rgb(148, 178, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 178, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 178, 67);  
box-shadow:4px 4px 4px 4px rgb(148, 178,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1463, 38.5419, 11.2134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 178, 67) }
```

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

```
.background{ background-color: rgb(148,  
178, 67) }
```

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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