

Converting Colors

XYZ(16.3504, 25.8019, 11.5293)

Have a look what the booklet for
XYZ(16.3504, 25.8019, 11.5293)
contains.

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Color

**XYZ(16.4416, 25.9611,
11.5416)**

Conversions

Conversions Part 1

Format	Color
Hex	4E9C4F
RGB	78, 156, 79
RGB Percent	31%, 61%, 31%
CMY	0.6941, 0.3882, 0.6902
CMYK	0.50, 0.00, 0.49, 0.39
HSL	121°, 33%, 46%
HSV	121°, 50%, 61%
XYZ	16.4416, 25.9611, 11.5416
YIQ	123.9000, -21.7710, -40.4830

Conversions

Conversions Part 2

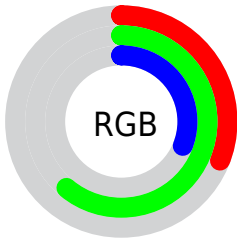
Format	Color
RYB	78, 155, 156
Decimal	5151823
CIELab	58.00, -40.37, 32.93
CIElCh	58, 52.101, 140.794
Yxy	25.9611, 0.3048, 0.4813
Android (android.graphics.Color)	4283341903 (0xFF4E9C4F)
YUV	123.9000, -22.1357, -40.2543
Hunter-Lab	50.9520, -31.5663, 22.2361

Details

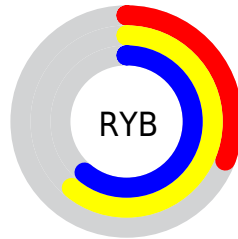
The XYZ color **16.4416, 25.9611, 11.5416** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **22.3518, 14.8836, 32.7055**, and the grayscale version is **19.2020, 20.2020, 21.9999**.

A 20% lighter version of the original color is **36.8392, 53.1058, 29.4279**, and **5.4288, 10.1187, 2.9633** is the 20% darker color. If you saturate the color by 10%, you get **14.8149, 25.1807, 8.8709**, and if you desaturate by 10%, it is **18.5027, 26.9519, 14.9116**.

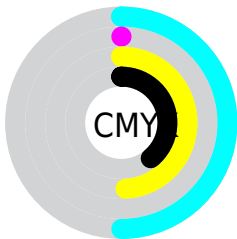
Distribution



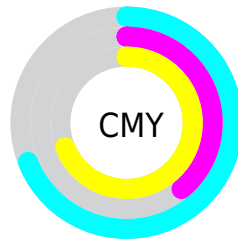
- Red (31%)
- Green (61%)
- Blue (31%)



- Red (31%)
- Yellow (61%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (39%)



- Cyan (69%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4416, 25.9611, 11.5416 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 16.4416, 25.9611, 11.5416 by changing the saturation by 10% instead.

■ 16.4416, 25.9611,
11.5416

■ 16.4416, 25.9611,
11.5416

225.1531,
282.5911, 212.2155

■ 9.9300, 16.7945,
6.3136

■ 36.9144, 53.2122,
29.3092

■ 5.4145, 10.0881,
2.9649

■ 51.6064, 72.0655,
42.6860

■ 2.5297, 5.4574,
1.0767

■ 69.7559, 94.9165,
59.6161

■ 0.9102, 2.5181,
0.0000

■ 91.7282, 122.1496,
80.5180

■ 0.0000, 0.8857,
0.0000

■ 117.8887,
154.1493, 105.8104

■ 0.0000, 0.0000,
0.0000

148.6028,

191.2998, 135.9118

184.2358,
233.9856, 171.2406

■ 16.4416, 25.9611,
11.5416

■ 16.4416, 25.9611,
11.5416

■ 14.8149, 25.1807,
8.8709

■ 18.5027, 26.9519,
14.9116

■ 13.5897, 24.5926,
6.8489

■ 21.0241, 28.1634,
19.0234

■ 12.7318, 24.1810,
5.4208

■ 24.0320, 29.6088,
23.9182

■ 12.2002, 23.9263,
4.5222

■ 27.5501, 31.2996,
29.6337

■ 11.8999, 23.7823,
4.0208

■ 31.6005, 33.2464,
36.2050

■ 36.2041, 35.4592,
43.6653

■ 41.3805, 37.9476,
52.0461

■ 47.1484, 40.7206,
61.3772

■ 53.5259, 43.7867,
71.6871

Harmonies

Analogous

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



20.6268, 25.9611, 6.6796



16.4416, 25.9611, 11.5416



14.5604, 25.9611, 23.0809

Triad

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



16.4416, 25.9611, 11.5416



22.7908, 25.9611, 78.0816



37.7934, 25.9611, 17.6697

Complementary

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



16.4416, 25.9611, 11.5416



22.3518, 14.8836, 32.7055

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.



38.6391, 25.9611, 34.1775



16.4416, 25.9611, 11.5416



29.2216, 25.9611, 74.5731

Square

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



16.4416, 25.9611, 11.5416



17.7940, 25.9611, 64.4873



35.2807, 25.9611, 56.2937



33.1349, 25.9611, 9.0289

Rectangle

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



16.4416, 25.9611, 11.5416



14.6014, 25.9611, 35.2610



35.2807, 25.9611, 56.2937



38.5607, 25.9611, 22.2653

Sweetspot

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



16.4422, 25.9622, 11.5422



46.5349, 55.1636, 48.1337



26.9750, 31.3962, 11.8461



9.9708, 12.0091, 10.1545



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.4422, 25.9622, 11.5422



26.6058, 45.5889, 15.6158



18.2419, 26.6820, 21.0188



6.5540, 7.4024, 7.0862



9.8025, 19.5889, 3.3171



0.1762, 0.3506, 0.0640

Inverse Universe

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



22.3518, 14.8836, 32.7055



38.6005, 23.0964, 58.5666



19.6463, 13.8014, 18.4586



6.9005, 6.7531, 8.3271



16.0983, 7.7439, 25.8322



0.2889, 0.1389, 0.4674

Previews

White Background



This preview shows how the XYZ color 16.4416, 25.9611, 11.5416 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 16.4416, 25.9611, 11.5416 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 16.4416, 25.9611, 11.5416

Background



This preview shows how black text looks on a background with the XYZ color 16.4416, 25.9611, 11.5416.



This preview shows how white text looks on a background with the XYZ color 16.4416, 25.9611,

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

16.4416, 25.9611, 11.5416

Protanopia

23.5721, 25.7186, 10.0251

Deuteranopia

26.0394, 25.4832, 12.1407



Tritanopia

21.4110, 25.8035, 36.6530

Trichromacy



Original Color

16.4416, 25.9611, 11.5416

Protanomaly

19.9996, 25.1944, 10.4655

Deuteranomaly

21.0779, 24.8252, 11.8644

Tritanomaly

19.0554, 25.5482, 25.0461

Monochromacy



Original Color

16.4416, 25.9611, 11.5416

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.5743, 21.8168, 17.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4416, 25.9611, 11.5416 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(78, 156, 79)` looks like.

```
.text, #text, p{  
    color:rgb(78, 156, 79)  
}
```

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(78, 156, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 156, 79) }
```

Border

The CSS property to change the border of an element to XYZ 16.4416, 25.9611, 11.5416 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(78, 156, 79) }
```


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

```
.border{ border-color:rgb(78, 156, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 156, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 156, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 156, 79);  
box-shadow:4px 4px 4px 4px rgb(78, 156,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4416, 25.9611, 11.5416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 156, 79) }
```

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

```
.background{ background-color: rgb(78, 156,  
79) }
```

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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