

Converting Colors

XYZ(15.5618, 27.5665, 11.8978)

Have a look what the booklet for
XYZ(15.5618, 27.5665, 11.8978)
contains.

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Color

**XYZ(15.5618, 27.5665,
11.8978)**

Conversions

Conversions Part 1

Format	Color
Hex	28A44F
RGB	40, 164, 79
RGB Percent	16%, 64%, 31%
CMY	0.8431, 0.3569, 0.6902
CMYK	0.76, 0.00, 0.52, 0.36
HSL	139°, 61%, 40%
HSV	139°, 76%, 64%
XYZ	15.5618, 27.5665, 11.8978
YIQ	117.2340, -46.6190, -52.7230

Conversions

Conversions Part 2

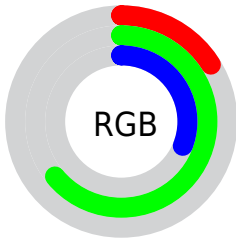
Format	Color
R_{YB}	40, 134, 164
Decimal	2663503
CIE _{Lab}	59.50, -51.88, 34.55
CIE _{LCh}	59, 62.327, 146.338
Yxy	27.5665, 0.2828, 0.5010
Android (android.graphics.Color)	4280853583 (0xFF28A44F)
YUV	117.2340, -18.8494, -67.7342
Hunter-Lab	52.5038, -38.9754, 23.3171

Details

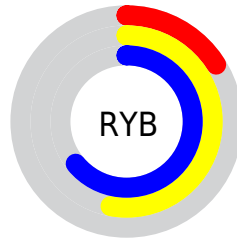
The XYZ color **15.5618, 27.5665, 11.8978** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **19.7711, 10.8913, 20.4631**, and the grayscale version is **17.0488, 17.9367, 19.5330**.

A 20% lighter version of the original color is **35.4482, 55.8014, 30.0215**, and **5.9188, 11.4626, 3.1289** is the 20% darker color. If you saturate the color by 10%, you get **14.6793, 27.1557, 9.8984**, and if you desaturate by 10%, it is **16.7853, 28.1467, 14.2757**.

Distribution



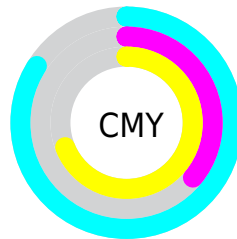
- Red (16%)
- Green (64%)
- Blue (31%)



- Red (16%)
- Yellow (53%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (52%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5618, 27.5665, 11.8978 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 15.5618, 27.5665, 11.8978 by changing the saturation by 10% instead.

■ 15.5618, 27.5665,
11.8978

■ 15.5618, 27.5665,
11.8978

220.0635,
290.3896, 214.6814

■ 9.3035, 17.9991,
6.5524

■ 35.3994, 55.7916,
29.9704

■ 4.9983, 10.9494,
3.1096

■ 49.7094, 75.2181,
43.5348

■ 2.2810, 6.0328,
1.1509

■ 67.4340, 98.6998,
60.6759

■ 0.7849, 2.8650,
0.0000

■ 88.9386, 126.6211,
81.8123

■ 0.0000, 1.0617,
0.0000

■ 114.5884,
159.3663, 107.3624

■ 0.0000, 0.0000,
0.0000

■ 144.7490,

197.3198, 137.7450

179.7856,
240.8662, 173.3785

■ 15.5618, 27.5665,
11.8978

■ 15.5618, 27.5665,
11.8978

■ 14.6793, 27.1557,
9.8984

■ 16.7853, 28.1467,
14.2757

■ 14.0927, 26.8890,
8.2555

■ 18.3816, 28.9098,
17.0486

■ 13.8864, 26.7961,
7.6399

■ 20.3807, 29.8720,
20.2345

■ 22.8090, 31.0463,
23.8495

■ 25.6907, 32.4450,
27.9088

■ 29.0479, 34.0792,
32.4271

■ 32.9015, 35.9593,
37.4180

■ 37.2708, 38.0951,
42.8950

■ 42.1745, 40.4958,
48.8707

Harmonies

Analogous

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



20.0732, 27.5665, 5.5841



15.5618, 27.5665, 11.8978



13.8655, 27.5665, 27.3447

Triad

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



15.5618, 27.5665, 11.8978



25.2512, 27.5665, 96.8814



42.1421, 27.5665, 14.6618

Complementary

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



15.5618, 27.5665, 11.8978



19.7711, 10.8913, 20.4631

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.



44.2805, 27.5665, 32.8543



15.5618, 27.5665, 11.8978



33.4643, 27.5665, 87.6106

Square

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



15.5618, 27.5665, 11.8978



18.7107, 27.5665, 82.1054



40.8357, 27.5665, 60.8193



35.4635, 27.5665, 6.5305

Rectangle

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



15.5618, 27.5665, 11.8978



14.2465, 27.5665, 43.8513



40.8357, 27.5665, 60.8193



43.4666, 27.5665, 19.4467

Sweetspot

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



15.5625, 27.5676, 11.8984



47.8825, 59.4995, 52.3703



22.3820, 31.2020, 6.8506



10.0395, 12.7994, 10.8608



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.5625, 27.5676, 11.8984



25.8409, 48.9236, 15.7843



18.8261, 28.8731, 29.0846



7.0731, 7.9300, 7.9965



10.6665, 20.5529, 5.9603



0.2446, 0.4401, 0.2333

Inverse Universe

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



19.7711, 10.8913, 20.4631



33.7686, 17.0979, 31.6115



17.0177, 9.7899, 5.9638



7.2691, 7.1641, 8.4032



14.0215, 6.9646, 12.5695



0.3145, 0.1543, 0.3686

Previews

White Background



This preview shows how the XYZ color 15.5618, 27.5665, 11.8978 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 15.5618, 27.5665, 11.8978 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 15.5618, 27.5665, 11.8978

Background



This preview shows how black text looks on a background with the XYZ color 15.5618, 27.5665, 11.8978.



This preview shows how white text looks on a background with the XYZ color 15.5618, 27.5665,

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

15.5618, 27.5665, 11.8978

Protanopia

24.7473, 26.9820, 10.0346

Deuteranopia

27.4971, 27.0509, 12.5762



Tritanopia

21.2783, 27.3177, 40.7106

Trichromacy



Original Color

15.5618, 27.5665, 11.8978



Protanomaly

19.1158, 25.8981, 10.6479



Deuteranomaly

20.1524, 25.4674, 12.0372



Tritanomaly

18.5245, 27.1951, 27.1945

Monochromacy



Original Color

15.5618, 27.5665, 11.8978



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

15.0931, 20.1533, 15.9265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5618, 27.5665, 11.8978 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(40, 164, 79)` looks like.

```
.text, #text, p{  
    color:rgb(40, 164, 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(40, 164, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 164, 79) }
```

Border

The CSS property to change the border of an element to XYZ 15.5618, 27.5665, 11.8978 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(40, 164, 79) }
```


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

```
.border{ border-color:rgb(40, 164, 79) }
```

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

Here you see how a box with a 4 pixel rgb(40, 164, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 164, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 164, 79);  
box-shadow:4px 4px 4px 4px rgb(40, 164,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5618, 27.5665, 11.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 164, 79) }
```

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

```
.background{ background-color: rgb(40, 164,  
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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