

Converting Colors

XYZ(15.1507, 28.6908, 6.8552)

Have a look what the booklet for
XYZ(15.1507, 28.6908, 6.8552)
contains.

XYZ(15.2479, 28.8761, 6.8678)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.2479, 28.8761,
6.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	22A929
RGB	34, 169, 41
RGB Percent	13%, 66%, 16%
CMY	0.8667, 0.3372, 0.8392
CMYK	0.80, 0.00, 0.76, 0.34
HSL	123°, 67%, 40%
HSV	123°, 80%, 66%
XYZ	15.2479, 28.8761, 6.8678
YIQ	114.0430, -39.3720, -68.4280

Conversions

Conversions Part 2

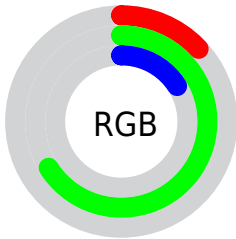
Format	Color
R_{YB}	34, 162, 169
Decimal	2271529
CIE _{Lab}	60.67, -58.80, 52.58
CIE _{LCh}	61, 78.882, 138.197
Yxy	28.8761, 0.2990, 0.5663
Android (android.graphics.Color)	4280461609 (0xFF22A929)
YUV	114.0430, -36.0102, -70.1977
Hunter-Lab	53.7365, -43.3889, 30.0380

Details

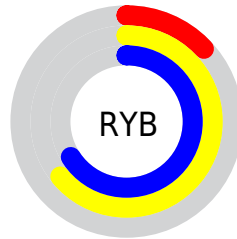
The XYZ color **15.2479, 28.8761, 6.8678** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **23.4564, 12.1881, 35.2984**, and the grayscale version is **16.1210, 16.9606, 18.4701**.

A 20% lighter version of the original color is **34.6997, 57.6197, 20.1193**, and **6.1307, 12.2615, 2.0436** is the 20% darker color. If you saturate the color by 10%, you get **14.5968, 28.5673, 5.6633**, and if you desaturate by 10%, it is **16.2880, 29.3740, 8.6859**.

Distribution



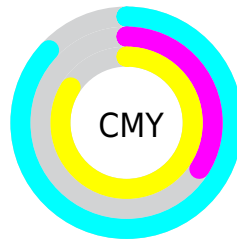
- Red (13%)
- Green (66%)
- Blue (16%)



- Red (13%)
- Yellow (64%)
- Blue (66%)



- Cyan (80%)
- Magenta (0%)
- Yellow (76%)
- Black (34%)





- Cyan (87%)
- Magenta (34%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2479, 28.8761, 6.8678 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 15.2479, 28.8761, 6.8678 by changing the saturation by 10% instead.


 15.2479, 28.8761,
6.8678


 15.2479, 28.8761,
6.8678


218.2206,
296.6299, 176.1497


 9.0810, 18.9871,
3.3024


 34.8556, 57.8802,
20.2151


 4.8516, 11.6610,
1.2510


 49.0271, 77.7641,
30.8340

 2.1943, 6.5133,
0.0211


 66.5975, 101.7483,
44.6412

 0.7397, 3.1596,
0.0000

 87.9321, 130.2175,
62.0552

 0.0000, 1.2156,
0.0000

 113.3964,
163.5558, 83.4945

 0.0000, 0.0744,
0.0000

 143.3557,

 0.0000, 0.0000,

202.1477, 109.3776

0.0000

178.1753,
246.3776, 140.1232

■ 15.2479, 28.8761,
6.8678

■ 15.2479, 28.8761,
6.8678

■ 14.5968, 28.5673,
5.6633

■ 16.2880, 29.3740,
8.6859

■ 14.2401, 28.3980,
4.9881

■ 17.7629, 30.0806,
11.1823

■ 14.2366, 28.3963,
4.9825

■ 19.7142, 31.0170,
14.4156

■ 22.1780, 32.2006,
18.4377

■ 25.1869, 33.6474,
23.2957

■ 28.7710, 35.3718,
29.0329

■ 32.9581, 37.3873,
35.6899

■ 37.7740, 39.7065,
43.3045

■ 43.2433, 42.3411,
51.9125

Harmonies

Analogous

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



21.7547, 28.8761, 2.5547



15.2479, 28.8761, 6.8678



12.3531, 28.8761, 21.2762

Triad

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



15.2479, 28.8761, 6.8678



23.6189, 28.8761, 124.9813



50.6692, 28.8761, 16.9365

Complementary

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



15.2479, 28.8761, 6.8678



23.4564, 12.1881, 35.2984

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.



51.5278, 28.8761, 44.4166



15.2479, 28.8761, 6.8678



34.0519, 28.8761, 120.9485

Square

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



15.2479, 28.8761, 6.8678



16.3195, 28.8761, 94.8276



44.8571, 28.8761, 85.8602



42.7407, 28.8761, 5.3804

Rectangle

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



15.2479, 28.8761, 6.8678



12.2274, 28.8761, 40.1678



44.8571, 28.8761, 85.8602



51.8553, 28.8761, 24.0799

Sweetspot

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



15.2486, 28.8773, 6.8685



48.4751, 61.8787, 47.1214



29.4290, 36.2005, 6.9498



10.0976, 13.2618, 9.5207



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



15.2486, 28.8773, 6.8685



25.6432, 50.9257, 9.1257



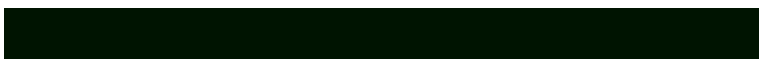
17.5685, 29.8053, 19.0849



7.4519, 8.4138, 8.1001



10.6163, 21.1653, 3.7461



0.2631, 0.5169, 0.1163

Inverse Universe

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



23.4564, 12.1881, 35.2984



40.8307, 19.8698, 61.6020



18.9892, 10.4012, 11.7742



7.8248, 7.6598, 9.3949



16.9451, 8.1867, 25.5860



0.4172, 0.2011, 0.6483

Previews

White Background



This preview shows how the XYZ color 15.2479, 28.8761, 6.8678 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 15.2479, 28.8761, 6.8678 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 15.2479, 28.8761, 6.8678

Background



This preview shows how black text looks on a background with the XYZ color 15.2479, 28.8761, 6.8678.



This preview shows how white text looks on a background with the XYZ color 15.2479, 28.8761,

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

15.2479, 28.8761, 6.8678

Protanopia

25.6865, 28.4656, 5.7307

Deuteranopia

28.8104, 28.2671, 7.4276



Tritanopia

22.4630, 28.8925, 42.4231

Trichromacy



Original Color

15.2479, 28.8761, 6.8678



Protanomaly

19.0920, 26.9578, 5.9474



Deuteranomaly

20.2039, 26.3058, 6.9184



Tritanomaly

18.4199, 28.2628, 23.2233

Monochromacy



Original Color

15.2479, 28.8761, 6.8678



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

13.9917, 19.6696, 12.0760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2479, 28.8761, 6.8678 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(34, 169, 41)` looks like.

```
.text, #text, p{  
    color:rgb(34, 169, 41)  
}
```

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(34, 169, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 169, 41) }
```

Border

The CSS property to change the border of an element to XYZ 15.2479, 28.8761, 6.8678 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(34, 169, 41) }
```


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

```
.border{ border-color:rgb(34, 169, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 169, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 169, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 169, 41);  
box-shadow:4px 4px 4px 4px rgb(34, 169,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2479, 28.8761, 6.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 169, 41) }
```

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

```
.background{ background-color: rgb(34, 169,  
41) }
```

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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