

Converting Colors

XYZ(15.5910, 29.1197, 8.6570)

Have a look what the booklet for
XYZ(15.5910, 29.1197, 8.6570)
contains.

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Color

**XYZ(15.5222, 28.9784,
8.6462)**

Conversions

Conversions Part 1

Format	Color
Hex	20A939
RGB	32, 169, 57
RGB Percent	13%, 66%, 22%
CMY	0.8745, 0.3372, 0.7765
CMYK	0.81, 0.00, 0.66, 0.34
HSL	131°, 68%, 39%
HSV	131°, 81%, 66%
XYZ	15.5222, 28.9784, 8.6462
YIQ	115.2690, -45.7000, -63.8760

Conversions

Conversions Part 2

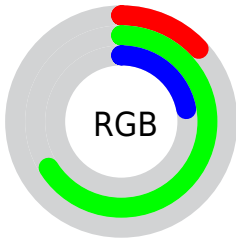
Format	Color
R _Y B	32, 148, 169
Decimal	2140473
CIE Lab	60.76, -57.57, 46.38
CIE LCh	61, 73.933, 141.142
Yxy	28.9784, 0.2921, 0.5453
Android (android.graphics.Color)	4280330553 (0xFF20A939)
YUV	115.2690, -28.7266, -73.0269
Hunter-Lab	53.8316, -42.7353, 28.1592

Details

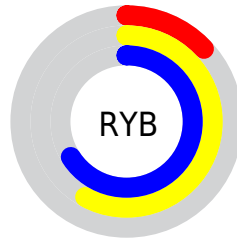
The XYZ color **15.5222, 28.9784, 8.6462** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **21.9137, 11.4823, 27.4480**, and the grayscale version is **16.4728, 17.3307, 18.8731**.

A 20% lighter version of the original color is **35.1650, 57.7793, 23.7671**, and **6.1307, 12.2615, 2.0436** is the 20% darker color. If you saturate the color by 10%, you get **14.8267, 28.6552, 7.0531**, and if you desaturate by 10%, it is **16.5821, 29.4802, 10.7473**.

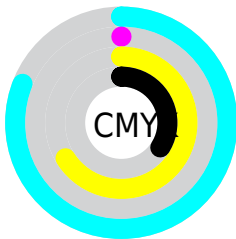
Distribution



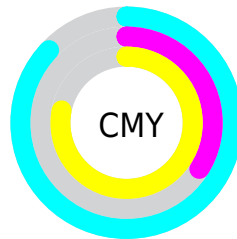
- Red (13%)
- Green (66%)
- Blue (22%)



- Red (13%)
- Yellow (58%)
- Blue (66%)



- Cyan (81%)
- Magenta (0%)
- Yellow (66%)
- Black (34%)





- Cyan (87%)
- Magenta (34%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5222, 28.9784, 8.6462 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 15.5222, 28.9784, 8.6462 by changing the saturation by 10% instead.


 15.5222, 28.9784,
8.6462


 15.5222, 28.9784,
8.6462


219.8318,
297.1130, 190.8360


 9.2754, 19.0645,
4.4175


 35.3309, 58.0428,
23.7826


 4.9798, 11.7169,
1.8571


 49.6235, 77.9620,
35.5274


 2.2700, 6.5512,
0.4652


 67.3287, 101.9851,
50.6146

 0.7793, 3.1830,
0.0000

 88.8119, 130.4966,
69.4628

 0.0000, 1.2280,
0.0000

 114.4385,
163.8807, 92.4904

 0.0000, 0.0844,
0.0000

 144.5738,

 0.0000, 0.0000,

202.5218, 120.1162

0.0000

179.5831,
246.8045, 152.7585

■ 15.5222, 28.9784,
8.6462

■ 15.5222, 28.9784,
8.6462

■ 14.8267, 28.6552,
7.0531

■ 16.5821, 29.4802,
10.7473

■ 14.4337, 28.4751,
6.0208

■ 18.0474, 30.1786,
13.3926

■ 19.9558, 31.0930,
16.6174

■ 22.3400, 32.2397,
20.4532

■ 25.2297, 33.6333,
24.9296

■ 28.6518, 35.2872,
30.0738

■ 32.6317, 37.2138,
35.9117

■ 37.1929, 39.4248,
42.4679

■ 42.3576, 41.9311,
49.7656

Harmonies

Analogous

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



21.4060, 28.9784, 3.4673



15.5222, 28.9784, 8.6462



13.0313, 28.9784, 24.0905

Triad

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



15.5222, 28.9784, 8.6462



24.7967, 28.9784, 117.9434



48.6019, 28.9784, 16.0652

Complementary

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



15.5222, 28.9784, 8.6462



21.9137, 11.4823, 27.4480

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.



50.1104, 28.9784, 40.4154



15.5222, 28.9784, 8.6462



34.7536, 28.9784, 111.0294

Square

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



15.5222, 28.9784, 8.6462



17.5074, 28.9784, 93.2373



44.5674, 28.9784, 77.7128



40.8267, 28.9784, 5.6909

Rectangle

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



15.5222, 28.9784, 8.6462



13.1091, 28.9784, 42.9135



44.5674, 28.9784, 77.7128



49.9202, 28.9784, 22.3977

Sweetspot

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



15.5229, 28.9796, 8.6469



49.1396, 62.1445, 50.6209



26.3335, 34.6079, 6.6588



10.2547, 13.3246, 10.3481



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.



15.5229, 28.9796, 8.6469



25.9735, 51.0547, 11.0085



18.3805, 30.1227, 23.6950



7.4906, 8.4293, 8.3036



10.7719, 21.2275, 4.5658



0.2777, 0.5227, 0.1932

Inverse Universe

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



21.9137, 11.4823, 27.4480



37.6626, 18.5644, 45.0361



18.2428, 10.0139, 8.1172



7.7823, 7.6428, 9.1708



15.6404, 7.6649, 18.7156



0.3954, 0.1924, 0.5335

Previews

White Background



This preview shows how the XYZ color 15.5222, 28.9784, 8.6462 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 15.5222, 28.9784, 8.6462 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 15.5222, 28.9784, 8.6462

Background



This preview shows how black text looks on a background with the XYZ color 15.5222, 28.9784, 8.6462.



This preview shows how white text looks on a background with the XYZ color 15.5222, 28.9784,

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

15.5222, 28.9784, 8.6462

Protanopia

25.9807, 28.5833, 7.2798

Deuteranopia

28.9240, 28.2855, 9.2454



Tritanopia

22.4016, 28.8498, 42.9160

Trichromacy



Original Color

15.5222, 28.9784, 8.6462



Protanomaly

19.2684, 27.0131, 7.5667



Deuteranomaly

20.2488, 26.2894, 8.7098



Tritanomaly

18.7532, 28.3822, 25.6090

Monochromacy



Original Color

15.5222, 28.9784, 8.6462



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

14.4307, 20.0674, 13.7025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5222, 28.9784, 8.6462 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(32, 169, 57)` looks like.

```
.text, #text, p{  
    color:rgb(32, 169, 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(32, 169, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 169, 57) }
```

Border

The CSS property to change the border of an element to XYZ 15.5222, 28.9784, 8.6462 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(32, 169, 57) }
```


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

```
.border{ border-color:rgb(32, 169, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 169, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 169, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 169, 57);  
box-shadow:4px 4px 4px 4px rgb(32, 169,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5222, 28.9784, 8.6462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 169, 57) }
```

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

```
.background{ background-color: rgb(32, 169,  
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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