

Converting Colors

XYZ(19.3155, 28.7189, 4.3400)

Have a look what the booklet for
XYZ(19.3155, 28.7189, 4.3400)
contains.

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Color

**XYZ(19.2529, 28.5864,
4.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	70A000
RGB	112, 160, 0
RGB Percent	44%, 63%, 0%
CMY	0.5608, 0.3725, 0.9999
CMYK	0.30, 0.00, 1.00, 0.37
HSL	78°, 100%, 31%
HSV	78°, 100%, 63%
XYZ	19.2529, 28.5864, 4.5030
YIQ	127.4080, 22.7520, -59.9360

Conversions

Conversions Part 2

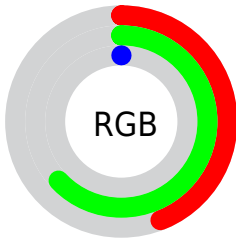
Format	Color
RYB	0, 160, 48
Decimal	7380992
CIELab	60.41, -35.73, 62.59
CIELCh	60, 72.067, 119.721
Yxy	28.5864, 0.3678, 0.5461
Android (android.graphics.Color)	4285571072 (0xFF70A000)
YUV	127.4080, -62.8121, -13.5128
Hunter-Lab	53.4663, -29.2891, 32.4329

Details

The XYZ color **19.2529, 28.5864, 4.5030** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.5655, 3.1673, 33.4721**, and the grayscale version is **20.5188, 21.5874, 23.5086**.

A 20% lighter version of the original color is **41.6515, 57.4067, 15.1887**, and **7.0499, 11.5950, 1.8665** is the 20% darker color. If you saturate the color by 10%, you get **19.2529, 28.5874, 4.5032**, and if you desaturate by 10%, it is **19.9744, 28.9485, 5.0256**.

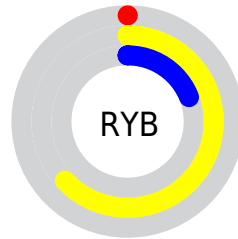
Distribution



Red (44%)

Green (63%)

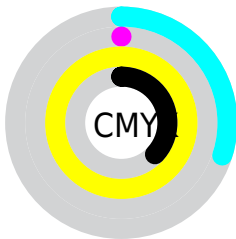
Blue (0%)



Red (0%)

Yellow (63%)

Blue (19%)

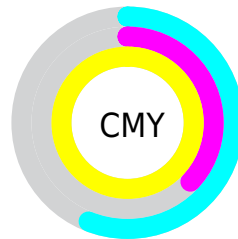


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2529, 28.5864, 4.5030 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 19.2529, 28.5864, 4.5030 by changing the saturation by 10% instead.

■ 19.2529, 28.5864,
4.5030

■ 19.2529, 28.5864,
4.5030

240.7528,
295.2584, 153.6621

■ 11.9582, 18.7682,
1.9051

■ 41.6746, 57.4193,
15.1542

■ 6.7873, 11.5029,
0.4960

■ 57.5323, 77.2028,
24.0445

■ 3.3745, 6.4062,
0.0000

■ 76.9751, 101.0768,
35.8695

■ 1.3548, 3.0936,
0.0000

■ 100.3684,
129.4257, 51.0476

■ 0.2237, 1.1808,
0.0000

■ 128.0774,
162.6339, 69.9974


■ 0.0000, 0.0459,
0.0000


■ 160.4676,


■ 0.0000, 0.0000,


201.0858, 93.1374


0.0000


 197.9043,
245.1659, 120.8861


 19.2529, 28.5864,
4.5030


 19.2529, 28.5864,
4.5030


 19.2529, 28.5874,
4.5032

 19.9744, 28.9485,
5.0256

 20.8020, 29.3558,
5.9374

 21.7689, 29.8227,
7.4070

 22.8889, 30.3548,
9.5055

 24.1740, 30.9569,
12.2937

■ 25.6349, 31.6334,
15.8251

■ 27.2811, 32.3881,
20.1478

■ 29.1215, 33.2245,
25.3062

■ 31.1642, 34.1462,
31.3410

Harmonies

Analogous

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



27.2574, 28.5864, 2.8936



19.2529, 28.5864, 4.5030



14.4957, 28.5864, 11.8221

Triad

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



19.2529, 28.5864, 4.5030



19.1337, 28.5864, 99.3522



49.1917, 28.5864, 31.3748

Complementary

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



19.2529, 28.5864, 4.5030



7.5655, 3.1673, 33.4721

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.



45.6657, 28.5864, 64.6349



19.2529, 28.5864, 4.5030



27.0839, 28.5864, 115.2346

Square

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



19.2529, 28.5864, 4.5030



14.4387, 28.5864, 63.9370



37.0065, 28.5864, 99.8917



45.7884, 28.5864, 12.0492

Rectangle

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



19.2529, 28.5864, 4.5030



13.1289, 28.5864, 22.8724



37.0065, 28.5864, 99.8917



48.7680, 28.5864, 41.1582

Sweetspot

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



19.2536, 28.5877, 4.5036



49.3469, 58.7199, 36.0785



15.5555, 9.5888, 1.0314



10.5566, 12.7565, 7.2022



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.2536, 28.5877, 4.5036



34.7432, 51.7941, 8.1661



13.1676, 25.4502, 4.2188



6.9762, 7.6204, 7.0889



15.0428, 22.2916, 3.5099



0.3093, 0.4194, 0.0646

Inverse Universe

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



7.5655, 3.1673, 33.4721



13.5543, 5.6566, 60.7640



15.2486, 7.1282, 33.8316



6.4626, 6.5269, 8.3259



5.9326, 2.4874, 26.0747



0.1458, 0.0650, 0.4681

Previews

White Background



This preview shows how the XYZ color 19.2529, 28.5864, 4.5030 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 19.2529, 28.5864, 4.5030 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 19.2529, 28.5864, 4.5030

Background



This preview shows how black text looks on a background with the XYZ color 19.2529, 28.5864, 4.5030.



This preview shows how white text looks on a background with the XYZ color 19.2529, 28.5864,

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

19.2529, 28.5864, 4.5030

Protanopia

25.5887, 28.4503, 4.1428

Deuteranopia

28.8513, 28.3380, 5.1774



Tritanopia

25.9329, 28.5801, 37.8679

Trichromacy



Original Color

19.2529, 28.5864, 4.5030

Protanomaly

22.7437, 28.1530, 4.2353

Deuteranomaly

24.3011, 27.7729, 4.6960

Tritanomaly

21.8155, 27.8793, 16.8018

Monochromacy



Original Color

19.2529, 28.5864, 4.5030

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.7439, 23.1969, 11.2741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2529, 28.5864, 4.5030 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(112, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 160, 0)  
}
```

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(112, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 160, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2529, 28.5864, 4.5030 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(112, 160, 0) }
```


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

```
.border{ border-color:rgb(112, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 160,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2529, 28.5864, 4.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 160, 0) }
```

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

```
.background{ background-color: rgb(112,  
160, 0) }
```

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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