

Converting Colors

XYZ(19.8694, 28.6478, 4.4824)

Have a look what the booklet for
XYZ(19.8694, 28.6478, 4.4824)
contains.

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Color

**XYZ(19.8694, 28.6478,
4.4824)**

Conversions

Conversions Part 1

Format	Color
Hex	769F00
RGB	118, 159, 0
RGB Percent	46%, 62%, 0%
CMY	0.5373, 0.3765, 0.9999
CMYK	0.26, 0.00, 1.00, 0.38
HSL	75°, 100%, 31%
HSV	75°, 100%, 62%
XYZ	19.8694, 28.6478, 4.4824
YIQ	128.6150, 26.6030, -58.1410

Conversions

Conversions Part 2

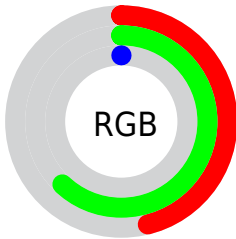
Format	Color
RYB	0, 159, 41
Decimal	7773952
CIELab	60.47, -32.86, 62.79
CIELCh	60, 70.867, 117.629
Yxy	28.6478, 0.3749, 0.5405
Android (android.graphics.Color)	4285964032 (0xFF769F00)
YUV	128.6150, -63.4072, -9.3094
Hunter-Lab	53.5236, -27.4024, 32.5012

Details

The XYZ color **19.8694, 28.6478, 4.4824** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.1737, 2.9755, 32.9987**, and the grayscale version is **20.9409, 22.0315, 23.9923**.

A 20% lighter version of the original color is **42.7047, 57.5728, 15.1652**, and **7.3076, 11.5722, 1.8485** is the 20% darker color. If you saturate the color by 10%, you get **19.8694, 28.6488, 4.4825**, and if you desaturate by 10%, it is **20.5320, 28.9796, 4.9984**.

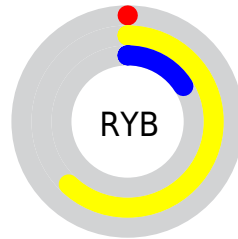
Distribution



Red (46%)

Green (62%)

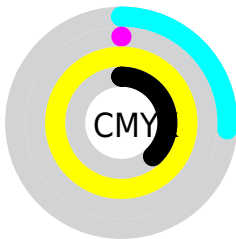
Blue (0%)



Red (0%)

Yellow (62%)

Blue (16%)

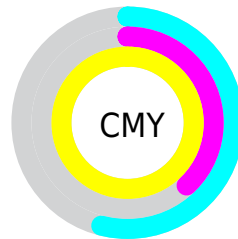


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (54%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8694, 28.6478, 4.4824 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 19.8694, 28.6478, 4.4824 by changing the saturation by 10% instead.

■ 19.8694, 28.6478,
4.4824

■ 19.8694, 28.6478,
4.4824

244.0543,
295.5495, 153.4452

■ 12.4079, 18.8145,
1.8935

■ 42.7037, 57.5170,
15.1079

■ 7.0963, 11.5364,
0.4886

■ 58.8072, 77.3218,
23.9816

■ 3.5692, 6.4288,
0.0000

■ 78.5221, 101.2192,
35.7873

■ 1.4614, 3.1075,
0.0000

■ 102.2137,
129.5937, 50.9436

■ 0.2994, 1.1881,
0.0000

■ 130.2473,
162.8295, 69.8689


■ 0.0000, 0.0520,
0.0000


■ 162.9884,


■ 0.0000, 0.0000,


201.3112, 92.9820


0.0000


 200.8023,
245.4231, 120.7012


 19.8694, 28.6478,
4.4824


 19.8694, 28.6478,
4.4824


 19.8694, 28.6488,
4.4825

 20.5320, 28.9796,
4.9984

 21.2909, 29.3517,
5.8967

 22.1788, 29.7783,
7.3446

 23.2092, 30.2648,
9.4120

 24.3937, 30.8159,
12.1586

■ 25.7427, 31.4357,
15.6372

■ 27.2654, 32.1280,
19.8952

■ 28.9703, 32.8963,
24.9761

■ 30.8654, 33.7436,
30.9202

Harmonies

Analogous

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



27.9621, 28.6478, 3.0950



19.8694, 28.6478, 4.4824



14.9260, 28.6478, 11.2691

Triad

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



19.8694, 28.6478, 4.4824



18.8666, 28.6478, 95.8786



48.8161, 28.6478, 33.3204

Complementary

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



19.8694, 28.6478, 4.4824



7.1737, 2.9755, 32.9987

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.



44.9190, 28.6478, 66.6162



19.8694, 28.6478, 4.4824



26.5086, 28.6478, 113.2690

Square

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



19.8694, 28.6478, 4.4824



14.4445, 28.6478, 60.8151



36.2124, 28.6478, 100.3460



45.9412, 28.6478, 13.1983

Rectangle

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



19.8694, 28.6478, 4.4824



13.4244, 28.6478, 21.6096



36.2124, 28.6478, 100.3460



48.2388, 28.6478, 43.2576

Sweetspot

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



19.8701, 28.6491, 4.4830



48.6605, 57.4600, 35.1468



15.0497, 8.8729, 0.9199



10.7194, 12.8404, 7.2098



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.



19.8701, 28.6491, 4.4830



35.3938, 51.2075, 8.0186



13.2647, 25.2439, 4.1739



7.0031, 7.6342, 7.0901



15.7329, 22.6473, 3.5422



0.3178, 0.4238, 0.0650

Inverse Universe

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



7.1737, 2.9755, 32.9987



12.6900, 5.2472, 59.0874



13.9015, 6.4438, 33.3136



6.4372, 6.5138, 8.3247



5.6996, 2.3673, 26.0638



0.1378, 0.0608, 0.4677

Previews

White Background



This preview shows how the XYZ color 19.8694, 28.6478, 4.4824 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 19.8694, 28.6478, 4.4824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

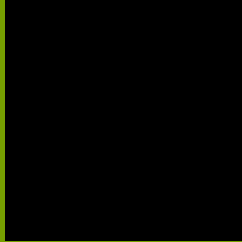
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8694, 28.6478, 4.4824

Background



This preview shows how black text looks on a background with the XYZ color 19.8694, 28.6478, 4.4824.



This preview shows how white text looks on a background with the XYZ color 19.8694, 28.6478,

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

19.8694, 28.6478, 4.4824

Protanopia

25.5887, 28.4503, 4.1428

Deuteranopia

28.8387, 28.3329, 5.1112



Tritanopia

26.4508, 28.6234, 37.3885

Trichromacy



Original Color

19.8694, 28.6478, 4.4824

Protanomaly

23.0992, 28.3363, 4.2520

Deuteranomaly

24.6861, 27.9724, 4.6704

Tritanomaly

22.3789, 27.9278, 16.7815

Monochromacy



Original Color

19.8694, 28.6478, 4.4824

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.3585, 23.7253, 11.5418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8694, 28.6478, 4.4824 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(118, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(118, 159, 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(118, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 159, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.8694, 28.6478, 4.4824 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(118, 159, 0) }
```


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

```
.border{ border-color:rgb(118, 159, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 159, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(118, 159,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8694, 28.6478, 4.4824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 159, 0) }
```

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

```
.background{ background-color: rgb(118,  
159, 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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