

Converting Colors

XYZ(18.0769, 19.9930, 4.0687)

Have a look what the booklet for
XYZ(18.0769, 19.9930, 4.0687)
contains.

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Color

**XYZ(18.0769, 19.9930,
4.0687)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7C1D
RGB	139, 124, 29
RGB Percent	55%, 49%, 11%
CMY	0.4549, 0.5137, 0.8863
CMYK	0.00, 0.11, 0.79, 0.45
HSL	52°, 65%, 33%
HSV	52°, 79%, 55%
XYZ	18.0769, 19.9930, 4.0687
YIQ	117.6550, 39.4350, -26.3650

Conversions

Conversions Part 2

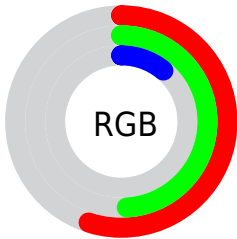
Format	Color
R_{YB}	46, 139, 29
Decimal	9141277
CIE Lab	51.83, -4.83, 50.08
CIE LCh	52, 50.315, 95.506
Yxy	19.9930, 0.4290, 0.4745
Android (android.graphics.Color)	4287331357 (0xFF8B7C1D)
YUV	117.6550, -43.7069, 18.7196
Hunter-Lab	44.7135, -6.0843, 25.9044

Details

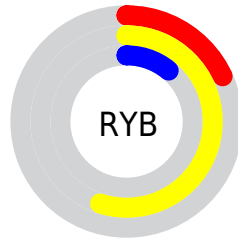
The XYZ color **18.0769, 19.9930, 4.0687** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.0676, 3.9267, 24.8641**, and the grayscale version is **17.2361, 18.1338, 19.7477**.

A 20% lighter version of the original color is **39.5162, 43.2469, 14.0493**, and **6.3308, 7.1002, 1.0368** is the 20% darker color. If you saturate the color by 10%, you get **17.7073, 19.4696, 3.2806**, and if you desaturate by 10%, it is **18.5296, 20.5585, 5.2679**.

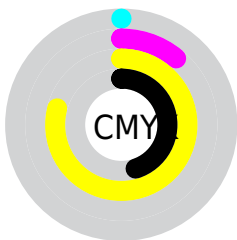
Distribution



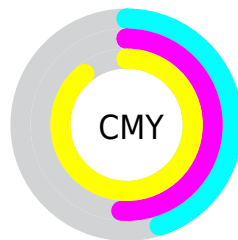
- Red (55%)
- Green (49%)
- Blue (11%)



- Red (18%)
- Yellow (55%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (79%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0769, 19.9930, 4.0687 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 18.0769, 19.9930, 4.0687 by changing the saturation by 10% instead.

■ 18.0769, 19.9930,
4.0687

■ 18.0769, 19.9930,
4.0687

234.3413,
251.8772, 148.9859

■ 11.1052, 12.3900,
1.6631

■ 39.6974, 43.4054,
14.1679

■ 6.2055, 7.0098,
0.3353

■ 55.0769, 59.9836,
22.6986

■ 3.0123, 3.4683,
0.0000

■ 73.9897, 80.3223,
34.1080

■ 1.1603, 1.3808,
0.0000

■ 96.8013, 104.8059,
48.8148

■ 0.0746, 0.2025,
0.0000

■ 123.8768,
133.8188, 67.2375

■ 0.0000, 0.0000,
0.0000

■ 155.5818,

167.7454, 89.7945

192.2815,
206.9701, 116.9045

18.0769, 19.9930,
4.0687

18.0769, 19.9930,
4.0687

17.7073, 19.4696,
3.2806

18.5296, 20.5585,
5.2679

17.3962, 18.9760,
2.7804

19.0733, 21.1670,
6.9257

17.3699, 18.9339,
2.7391

19.7165, 21.8227,
9.0846

20.4663, 22.5284,
11.7818

21.3291, 23.2868,
15.0510

■ 22.3108, 24.1002,
18.9233

■ 23.4168, 24.9710,
23.4273

■ 24.6524, 25.9011,
28.5899

■ 26.0223, 26.8925,
34.4364

Harmonies

Analogous

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



23.3674, 19.9930, 4.9044



18.0769, 19.9930, 4.0687



13.8553, 19.9930, 5.9718

Triad

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



18.0769, 19.9930, 4.0687



12.0828, 19.9930, 42.5047



29.4017, 19.9930, 35.6197

Complementary

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



18.0769, 19.9930, 4.0687



6.0676, 3.9267, 24.8641

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.



25.2892, 19.9930, 53.5880



18.0769, 19.9930, 4.0687



15.2185, 19.9930, 58.6546

Square

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



18.0769, 19.9930, 4.0687



10.8145, 19.9930, 24.5776



19.9597, 19.9930, 63.4236



30.5366, 19.9930, 19.1829

Rectangle

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



18.0769, 19.9930, 4.0687



12.0095, 19.9930, 9.4190



19.9597, 19.9930, 63.4236



28.2897, 19.9930, 41.8731

Sweetspot

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



18.0774, 19.9940, 4.0691



38.9807, 42.3623, 30.0147



11.5703, 6.5612, 3.1904



8.8567, 9.6562, 6.4251



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.0774, 19.9940, 4.0691



31.2764, 34.1677, 5.2065



14.7655, 21.2918, 4.4942



5.3739, 5.7307, 5.3753



15.6863, 17.1069, 2.4752



0.1116, 0.1285, 0.0189

Inverse Universe

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



6.0676, 3.9267, 24.8641



8.9890, 4.4569, 44.1295



7.4490, 3.9541, 24.7965



4.8261, 4.9952, 6.3156



4.4236, 2.1175, 22.2213



0.0355, 0.0263, 0.1497

Previews

White Background



This preview shows how the XYZ color 18.0769, 19.9930, 4.0687 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 18.0769, 19.9930, 4.0687 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 18.0769, 19.9930, 4.0687

Background



This preview shows how black text looks on a background with the XYZ color 18.0769, 19.9930, 4.0687.



This preview shows how white text looks on a background with the XYZ color 18.0769, 19.9930,

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

18.0769, 19.9930, 4.0687

Protanopia

18.0769, 19.9930, 4.0687

Deuteranopia

20.1396, 19.7954, 4.1259



Tritanopia

21.8011, 20.0824, 22.1293

Trichromacy



Original Color

18.0769, 19.9930, 4.0687

Protanomaly

18.0769, 19.9930, 4.0687

Deuteranomaly

19.3582, 19.9214, 4.1213

Tritanomaly

19.7700, 19.7715, 12.4471

Monochromacy



Original Color

18.0769, 19.9930, 4.0687

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0004, 18.5404, 11.4867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0769, 19.9930, 4.0687 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(139, 124, 29)` looks like.

```
.text, #text, p{  
    color:rgb(139, 124, 29)  
}
```

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(139, 124, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 124, 29) }
```

Border

The CSS property to change the border of an element to XYZ 18.0769, 19.9930, 4.0687 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(139, 124, 29) }
```


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

```
.border{ border-color:rgb(139, 124, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 124, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 124, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 124, 29);  
box-shadow:4px 4px 4px 4px rgb(139, 124,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0769, 19.9930, 4.0687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 124, 29) }
```

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

```
.background{ background-color: rgb(139,  
124, 29) }
```

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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