

Converting Colors

XYZ(17.1234, 20.1852, 6.9150)

Have a look what the booklet for
XYZ(17.1234, 20.1852, 6.9150)
contains.

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Color

**XYZ(17.0619, 20.1694,
6.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8039
RGB	126, 128, 57
RGB Percent	49%, 50%, 22%
CMY	0.5059, 0.4980, 0.7765
CMYK	0.02, 0.00, 0.55, 0.50
HSL	62°, 38%, 36%
HSV	62°, 55%, 50%
XYZ	17.0619, 20.1694, 6.8647
YIQ	119.3080, 21.5990, -22.5050

Conversions

Conversions Part 2

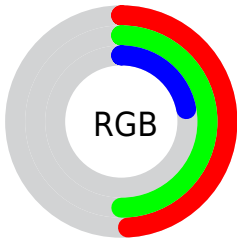
Format	Color
RYB	57, 128, 59
Decimal	8290361
CIELab	52.03, -11.17, 37.69
CIELCh	52, 39.310, 106.509
Yxy	20.1694, 0.3869, 0.4574
Android (android.graphics.Color)	4286480441 (0xFF7E8039)
YUV	119.3080, -30.7178, 5.8689
Hunter-Lab	44.9104, -10.7792, 22.3746

Details

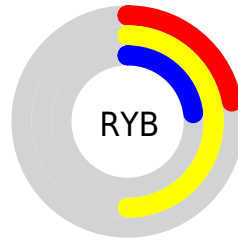
The XYZ color **17.0619, 20.1694, 6.8647** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.1637, 5.4150, 21.0910**, and the grayscale version is **17.7223, 18.6453, 20.3047**.

A 20% lighter version of the original color is **38.0001, 43.8126, 20.3638**, and **5.7305, 7.1010, 1.2409** is the 20% darker color. If you saturate the color by 10%, you get **16.7291, 20.0309, 5.3874**, and if you desaturate by 10%, it is **17.4764, 20.3421, 8.7670**.

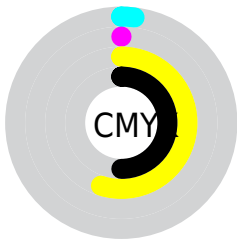
Distribution



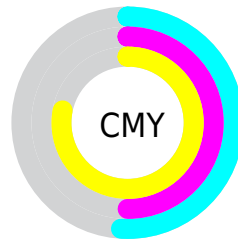
- Red (49%)
- Green (50%)
- Blue (22%)



- Red (22%)
- Yellow (50%)
- Blue (23%)



- Cyan (2%)
- Magenta (0%)
- Yellow (55%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0619, 20.1694, 6.8647 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 17.0619, 20.1694, 6.8647 by changing the saturation by 10% instead.

■ 17.0619, 20.1694,
6.8647

■ 17.0619, 20.1694,
6.8647

■ 228.6781,
252.8307, 176.1227

■ 10.3742, 12.5182,
3.3005

■ 37.9749, 43.7010,
20.2087

■ 5.7119, 7.0977,
1.2500

■ 52.9310, 60.3503,
30.8256

■ 2.7097, 3.5232,
0.0203

■ 71.3738, 80.7677,
44.6304

■ 1.0022, 1.4106,
0.0000

■ 93.6689, 105.3376,
62.0417

■ 0.0000, 0.2245,
0.0000

■ 120.1815,
134.4445, 83.4781

■ 0.0000, 0.0000,
0.0000

■ 151.2770,

168.4727, 109.3580

187.3208,
207.8066, 140.1000

■ 17.0619, 20.1694,
6.8647

■ 17.0619, 20.1694,
6.8647

■ 16.7291, 20.0309,
5.3874

■ 17.4764, 20.3421,
8.7670

■ 16.4703, 19.9212,
4.3013

■ 17.9768, 20.5484,
11.1222

■ 16.2790, 19.8386,
3.5696

■ 18.5684, 20.7913,
13.9572

■ 16.1440, 19.7786,
3.1333

■ 19.2561, 21.0726,
17.2967

■ 16.0885, 19.7536,
2.9649

■ 20.0440, 21.3940,
21.1634

■ 20.9363, 21.7572,
25.5788

■ 21.9369, 22.1638,
30.5631

■ 23.0494, 22.6151,
36.1357

■ 24.2772, 23.1125,
42.3147

Harmonies

Analogous

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



21.0259, 20.1694, 6.7270



17.0619, 20.1694, 6.8647



14.1033, 20.1694, 10.0000

Triad

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



17.0619, 20.1694, 6.8647



14.3386, 20.1694, 42.1910



27.6874, 20.1694, 27.5256

Complementary

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



17.0619, 20.1694, 6.8647



7.1637, 5.4150, 21.0910

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.



25.3255, 20.1694, 40.9328



17.0619, 20.1694, 6.8647



17.4274, 20.1694, 51.1903

Square

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



17.0619, 20.1694, 6.8647



12.6877, 20.1694, 28.8522



21.4458, 20.1694, 50.6630



27.5534, 20.1694, 16.2650

Rectangle

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



17.0619, 20.1694, 6.8647



12.9332, 20.1694, 14.2830



21.4458, 20.1694, 50.6630



27.1464, 20.1694, 31.9907

Sweetspot

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



17.0624, 20.1703, 6.8651



33.6550, 36.9987, 29.2505



11.1636, 7.9297, 4.8133



7.8319, 8.6429, 6.6161



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.0624, 20.1703, 6.8651



29.2989, 35.2006, 8.8267



12.8041, 17.9751, 6.6658



4.6537, 5.0135, 4.6425



15.9521, 19.5860, 2.9397



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.1637, 5.4150, 21.0910



9.9470, 6.3422, 36.6562



9.9437, 6.8482, 21.2211



4.1192, 4.2171, 5.4101



3.9085, 1.5686, 20.3467



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0619, 20.1694, 6.8647 looks on a white background.

Color Contrast Check

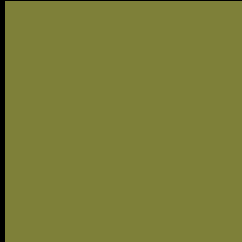
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0619, 20.1694, 6.8647 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 17.0619, 20.1694, 6.8647

Background



This preview shows how black text looks on a background with the XYZ color 17.0619, 20.1694, 6.8647.



This preview shows how white text looks on a background with the XYZ color 17.0619, 20.1694,

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

17.0619, 20.1694, 6.8647

Protanopia

18.4027, 20.1041, 6.6519

Deuteranopia

20.4309, 20.0554, 7.0692



Tritanopia

20.4186, 20.0312, 23.9093

Trichromacy



Original Color

17.0619, 20.1694, 6.8647

Protanomaly

17.8789, 20.0211, 6.6635

Deuteranomaly

19.0766, 20.0745, 7.0070

Tritanomaly

18.7371, 19.8910, 15.6838

Monochromacy



Original Color

17.0619, 20.1694, 6.8647

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.0969, 18.9012, 13.8135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0619, 20.1694, 6.8647 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(126, 128, 57)` looks like.

```
.text, #text, p{  
    color:rgb(126, 128, 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(126, 128, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 128, 57) }
```

Border

The CSS property to change the border of an element to XYZ 17.0619, 20.1694, 6.8647 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(126, 128, 57) }
```


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

```
.border{ border-color:rgb(126, 128, 57) }
```

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

Here you see how a box with a 4 pixel rgb(126, 128, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 128, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 128, 57);  
box-shadow:4px 4px 4px 4px rgb(126, 128,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0619, 20.1694, 6.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 128, 57) }
```

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

```
.background{ background-color: rgb(126,  
128, 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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