

Converting Colors

XYZ(17.0068, 19.2686, 4.7529)

Have a look what the booklet for
XYZ(17.0068, 19.2686, 4.7529)
contains.

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Color

**XYZ(16.9649, 19.2179,
4.7347)**

Conversions

Conversions Part 1

Format	Color
Hex	847B27
RGB	132, 123, 39
RGB Percent	52%, 48%, 15%
CMY	0.4824, 0.5176, 0.8470
CMYK	0.00, 0.07, 0.70, 0.48
HSL	54°, 54%, 34%
HSV	54°, 70%, 52%
XYZ	16.9649, 19.2179, 4.7347
YIQ	116.1150, 32.3280, -24.2160

Conversions

Conversions Part 2

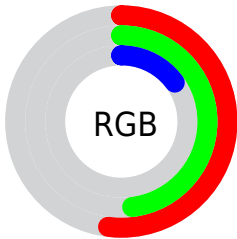
Format	Color
RYB	49, 132, 39
Decimal	8682279
CIELab	50.94, -7.02, 45.09
CIElCh	51, 45.629, 98.851
Yxy	19.2179, 0.4146, 0.4697
Android (android.graphics.Color)	4286872359 (0xFF847B27)
YUV	116.1150, -38.0177, 13.9311
Hunter-Lab	43.8382, -7.6394, 24.2832

Details

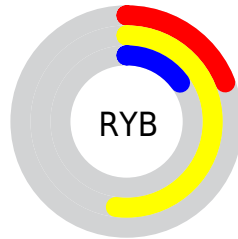
The XYZ color **16.9649, 19.2179, 4.7347** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.0585, 4.2111, 22.3233**, and the grayscale version is **16.7422, 17.6141, 19.1818**.

A 20% lighter version of the original color is **37.8722, 42.0726, 15.5759**, and **5.7405, 6.6944, 0.9896** is the 20% darker color. If you saturate the color by 10%, you get **16.6260, 18.8312, 3.7242**, and if you desaturate by 10%, it is **17.3830, 19.6410, 6.1477**.

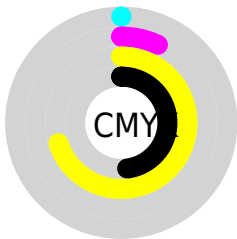
Distribution



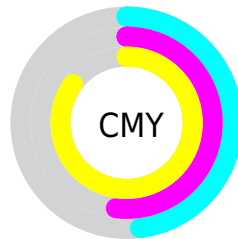
- Red (52%)
- Green (48%)
- Blue (15%)



- Red (19%)
- Yellow (52%)
- Blue (15%)



- Cyan (0%)
- Magenta (7%)
- Yellow (70%)
- Black (48%)



- Cyan (48%)
- Magenta (52%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9649, 19.2179, 4.7347 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 16.9649, 19.2179, 4.7347 by changing the saturation by 10% instead.

■ 16.9649, 19.2179,
4.7347

■ 16.9649, 19.2179,
4.7347

228.1302,
247.6491, 156.0716

■ 10.3046, 11.8278,
2.0365

■ 37.8095, 42.1020,
15.6716

■ 5.6652, 6.6266,
0.5776

■ 52.7245, 58.3648,
24.7473

■ 2.6813, 3.2297,
0.0000

■ 71.1218, 78.3539,
36.7859

■ 0.9876, 1.2528,
0.0000

■ 93.3668, 102.4539,
52.2060

■ 0.0000, 0.1042,
0.0000

■ 119.8248,
131.0489, 71.4261

■ 0.0000, 0.0000,
0.0000

■ 150.8611,

164.5236, 94.8647

186.8411,
203.2621, 122.9403

■ 16.9649, 19.2179,
4.7347

■ 16.9649, 19.2179,
4.7347

■ 16.6260, 18.8312,
3.7242

■ 17.3830, 19.6410,
6.1477

■ 16.3565, 18.4749,
3.0714

■ 17.8859, 20.1006,
7.9995

■ 16.1400, 18.1541,
2.6534

■ 18.4805, 20.6002,
10.3237

■ 19.1725, 21.1422,
13.1503

■ 19.9671, 21.7285,
16.5069

■ 20.8692, 22.3611,
20.4188

■ 21.8832, 23.0420,
24.9101

■ 23.0135, 23.7727,
30.0032

■ 24.2641, 24.5550,
35.7193

Harmonies

Analogous

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



21.5744, 19.2179, 5.2643



16.9649, 19.2179, 4.7347



13.3515, 19.2179, 6.9374

Triad

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



16.9649, 19.2179, 4.7347



12.3144, 19.2179, 40.6731



27.5986, 19.2179, 31.2172

Complementary

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



16.9649, 19.2179, 4.7347



6.0585, 4.2111, 22.3233

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.



24.2590, 19.2179, 46.8142



16.9649, 19.2179, 4.7347



15.3145, 19.2179, 53.6546

Square

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



16.9649, 19.2179, 4.7347



10.9718, 19.2179, 24.9805



19.6321, 19.2179, 56.2740



28.2361, 19.2179, 17.3341

Rectangle

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



16.9649, 19.2179, 4.7347



11.8082, 19.2179, 10.5338



19.6321, 19.2179, 56.2740



26.7313, 19.2179, 36.5667

Sweetspot

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



16.9653, 19.2188, 4.7351



35.0214, 38.1661, 28.4321



10.7811, 6.5726, 3.5295



8.0747, 8.8285, 6.2833



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.9653, 19.2188, 4.7351



28.9676, 32.7608, 5.7523



13.3162, 19.0713, 4.8989



5.0023, 5.3481, 4.9980



15.6297, 17.5820, 2.5699



0.0569, 0.0665, 0.0098

Inverse Universe

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



6.0585, 4.2111, 22.3233



8.5009, 4.6451, 38.9017



7.8870, 4.6619, 22.3139



4.4681, 4.6117, 5.8554



4.1712, 1.8903, 21.2817



0.0166, 0.0109, 0.0745

Previews

White Background



This preview shows how the XYZ color 16.9649, 19.2179, 4.7347 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 16.9649, 19.2179, 4.7347 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 16.9649, 19.2179, 4.7347

Background



This preview shows how black text looks on a background with the XYZ color 16.9649, 19.2179, 4.7347.



This preview shows how white text looks on a background with the XYZ color 16.9649, 19.2179,

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

16.9649, 19.2179, 4.7347

Protanopia

17.4791, 19.2998, 4.7234

Deuteranopia

19.4975, 19.1040, 4.8503



Tritanopia

20.4163, 19.2057, 21.6998

Trichromacy



Original Color

16.9649, 19.2179, 4.7347

Protanomaly

17.3174, 19.2164, 4.7159

Deuteranomaly

18.5557, 19.1367, 4.8136

Tritanomaly

18.6076, 18.9814, 13.0390

Monochromacy



Original Color

16.9649, 19.2179, 4.7347

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3843, 18.0358, 11.8502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9649, 19.2179, 4.7347 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(132, 123, 39)` looks like.

```
.text, #text, p{  
    color:rgb(132, 123, 39)  
}
```

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(132, 123, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 123, 39) }
```

Border

The CSS property to change the border of an element to XYZ 16.9649, 19.2179, 4.7347 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(132, 123, 39) }
```


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

```
.border{ border-color:rgb(132, 123, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 123, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 123, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 123, 39);  
box-shadow:4px 4px 4px 4px rgb(132, 123,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9649, 19.2179, 4.7347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 123, 39) }
```

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

```
.background{ background-color: rgb(132,  
123, 39) }
```

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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