

Converting Colors

XYZ(16.7884, 17.0598, 3.9214)

Have a look what the booklet for
XYZ(16.7884, 17.0598, 3.9214)
contains.

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Color

**XYZ(16.7884, 17.0598,
3.9214)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6F22
RGB	140, 111, 34
RGB Percent	55%, 44%, 13%
CMY	0.4510, 0.5647, 0.8667
CMYK	0.00, 0.21, 0.76, 0.45
HSL	44°, 61%, 34%
HSV	44°, 76%, 55%
XYZ	16.7884, 17.0598, 3.9214
YIQ	110.8930, 42.0010, -17.7990

Conversions

Conversions Part 2

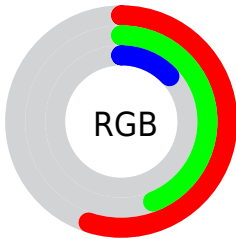
Format	Color
R_{YB}	74, 140, 34
Decimal	9203490
CIE Lab	48.34, 3.23, 44.88
CIE LCh	48, 44.992, 85.881
Yxy	17.0598, 0.4445, 0.4517
Android (android.graphics.Color)	4287393570 (0xFF8C6F22)
YUV	110.8930, -37.9082, 25.5268
Hunter-Lab	41.3035, 0.2727, 23.2834

Details

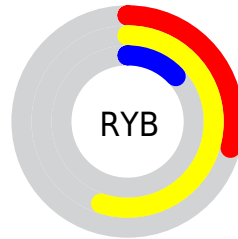
The XYZ color **16.7884, 17.0598, 3.9214** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.1708, 5.7884, 25.5502**, and the grayscale version is **15.1767, 15.9671, 17.3882**.

A 20% lighter version of the original color is **37.5465, 38.3511, 13.8111**, and **5.6711, 5.6452, 0.7907** is the 20% darker color. If you saturate the color by 10%, you get **16.2173, 16.1777, 2.9298**, and if you desaturate by 10%, it is **17.4605, 18.0124, 5.3530**.

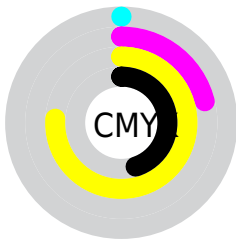
Distribution



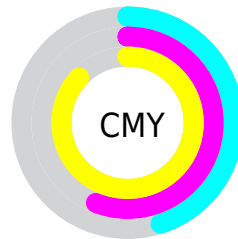
- Red (55%)
- Green (44%)
- Blue (13%)



- Red (29%)
- Yellow (55%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (76%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7884, 17.0598, 3.9214 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 16.7884, 17.0598, 3.9214 by changing the saturation by 10% instead.

■ 16.7884, 17.0598,
3.9214

■ 16.7884, 17.0598,
3.9214

227.1301,
235.5168, 147.3477

■ 10.1781, 10.2771,
1.5823

■ 37.5081, 38.4286,
13.8281

■ 5.5804, 5.5831,
0.2782

■ 52.3482, 53.7835,
22.2328

■ 2.6299, 2.5933,
0.0000

■ 70.6623, 72.7645,
33.4964

■ 0.9612, 0.9233,
0.0000

■ 92.8158, 95.7562,
48.0375

■ 0.0000, 0.0000,
0.0000

■ 119.1739,
123.1429, 66.2747

■ 150.1021,

155.3089, 88.6264

185.9657,
192.6388, 115.5112

16.7884, 17.0598,
3.9214

16.7884, 17.0598,
3.9214

16.2173, 16.1777,
2.9298

17.4605, 18.0124,
5.3530

15.7326, 15.3577,
2.3075

18.2416, 19.0369,
7.2708

15.5373, 15.0197,
2.0802

19.1400, 20.1377,
9.7161

20.1629, 21.3180,
12.7255

21.3169, 22.5808,
16.3324

■ 22.6080, 23.9288,
20.5674

■ 24.0417, 25.3645,
25.4593

■ 25.6234, 26.8904,
31.0350

■ 27.3581, 28.5088,
37.3196

Harmonies

Analogous

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



21.0569, 17.0598, 5.4431



16.7884, 17.0598, 3.9214



13.0081, 17.0598, 4.7577

Triad

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



16.7884, 17.0598, 3.9214



10.1002, 17.0598, 30.2912



23.6655, 17.0598, 34.3569

Complementary

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



16.7884, 17.0598, 3.9214



7.1708, 5.7884, 25.5502

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.



19.9095, 17.0598, 47.2352



16.7884, 17.0598, 3.9214



12.1785, 17.0598, 44.2743

Square

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



16.7884, 17.0598, 3.9214



9.5481, 17.0598, 16.9984



15.6545, 17.0598, 51.4704



25.4293, 17.0598, 20.2467

Rectangle

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



16.7884, 17.0598, 3.9214



11.1833, 17.0598, 6.8650



15.6545, 17.0598, 51.4704



22.5662, 17.0598, 39.1717

Sweetspot

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



16.7888, 17.0606, 3.9217



38.0687, 40.3275, 30.3604



12.3137, 7.0902, 5.5753



8.6102, 9.1201, 6.4757



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.



16.7888, 17.0606, 3.9217



27.9649, 27.4709, 4.3303



17.0075, 22.6558, 4.9902



5.3173, 5.6175, 5.3564



13.8226, 13.3795, 1.8540



0.1041, 0.1133, 0.0164

Inverse Universe

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



7.1708, 5.7884, 25.5502



10.2526, 6.8275, 44.5204



6.9913, 3.9066, 25.1964



4.8788, 5.1005, 6.3332



4.8452, 2.9608, 22.3618



0.0431, 0.0415, 0.1522

Previews

White Background



This preview shows how the XYZ color 16.7884, 17.0598, 3.9214 looks on a white 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

Black Background



This preview shows how the XYZ color 16.7884, 17.0598, 3.9214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

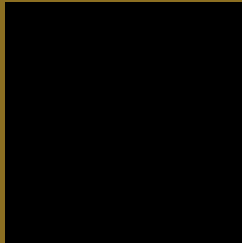
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.7884, 17.0598, 3.9214

Background



This preview shows how black text looks on a background with the XYZ color 16.7884, 17.0598, 3.9214.



This preview shows how white text looks on a background with the XYZ color 16.7884, 17.0598,

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

16.7884, 17.0598, 3.9214

Protanopia

15.4874, 17.0499, 4.0648

Deuteranopia

17.2736, 16.9879, 3.9587



Tritanopia

19.5520, 17.0902, 17.5975

Trichromacy



Original Color

16.7884, 17.0598, 3.9214

Protanomaly

15.9936, 17.1425, 4.0560

Deuteranomaly

17.2070, 17.1128, 3.9863

Tritanomaly

18.1856, 16.9951, 10.7094

Monochromacy



Original Color

16.7884, 17.0598, 3.9214

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2718, 16.1310, 10.4923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7884, 17.0598, 3.9214 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(140, 111, 34)` looks like.

```
.text, #text, p{  
    color:rgb(140, 111, 34)  
}
```

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(140, 111, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 111, 34) }
```

Border

The CSS property to change the border of an element to XYZ 16.7884, 17.0598, 3.9214 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(140, 111, 34) }
```


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

```
.border{ border-color:rgb(140, 111, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 111, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 111, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 111, 34);  
box-shadow:4px 4px 4px 4px rgb(140, 111,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7884, 17.0598, 3.9214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 111, 34) }
```

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

```
.background{ background-color: rgb(140,  
111, 34) }
```

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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