

Converting Colors

XYZ(16.8757, 17.7524, 2.6627)

Have a look what the booklet for
XYZ(16.8757, 17.7524, 2.6627)
contains.

XYZ(16.9679, 17.8457, 2.6651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.9679, 17.8457,
2.6651)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7304
RGB	140, 115, 4
RGB Percent	55%, 45%, 2%
CMY	0.4510, 0.5490, 0.9843
CMYK	0.00, 0.18, 0.97, 0.45
HSL	49°, 94%, 28%
HSV	49°, 97%, 55%
XYZ	16.9679, 17.8457, 2.6651
YIQ	109.8210, 50.5310, -29.2210

Conversions

Conversions Part 2

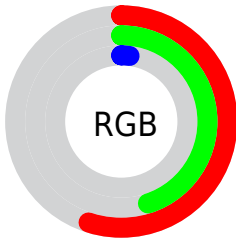
Format	Color
RYB	35, 140, 4
Decimal	9204484
CIELab	49.31, 0.03, 54.53
CIELCh	49, 54.531, 89.965
Yxy	17.8457, 0.4527, 0.4762
Android (android.graphics.Color)	4287394564 (0xFF8C7304)
YUV	109.8210, -52.1698, 26.4670
Hunter-Lab	42.2442, -2.2305, 25.8304

Details

The XYZ color **16.9679, 17.8457, 2.6651** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2232, 2.7981, 25.0756**, and the grayscale version is **14.9050, 15.6812, 17.0768**.

A 20% lighter version of the original color is **37.8280, 39.9011, 10.8622**, and **5.8449, 5.9927, 0.8487** is the 20% darker color. If you saturate the color by 10%, you get **16.8627, 17.6705, 2.5220**, and if you desaturate by 10%, it is **17.3531, 18.4766, 3.2243**.

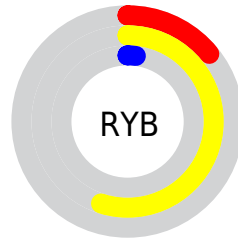
Distribution



Red (55%)

Green (45%)

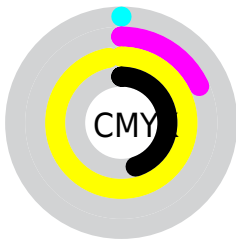
Blue (2%)



Red (14%)

Yellow (55%)

Blue (2%)

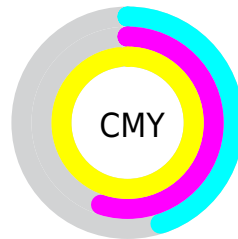


Cyan (0%)

Magenta (18%)

Yellow (97%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9679, 17.8457, 2.6651 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 16.9679, 17.8457, 2.6651 by changing the saturation by 10% instead.

■ 16.9679, 17.8457,
2.6651

■ 16.9679, 17.8457,
2.6651

228.1472,
239.9999, 131.9738

■ 10.3068, 10.8393,
0.9258

■ 37.8146, 39.7742,
10.7902

■ 5.6666, 5.9589,
0.0000

■ 52.7309, 55.4651,
18.0136

■ 2.6822, 2.8201,
0.0000

■ 71.1296, 74.8196,
27.9023

■ 0.9880, 1.0385,
0.0000

■ 93.3761, 98.2221,
40.8748

■ 0.0000, 0.0000,
0.0000

■ 119.8358,
126.0570, 57.3496

■ 150.8740,

158.7086, 77.7454

■ 186.8560,
196.5615, 102.4806

■ 16.9679, 17.8457,
2.6651

■ 16.9679, 17.8457,
2.6651

■ 16.8627, 17.6705,
2.5220

■ 17.3531, 18.4766,
3.2243

■ 17.8105, 19.1489,
4.1243

■ 18.3571, 19.8702,
5.4532

■ 19.0022, 20.6442,
7.2590

■ 19.7536, 21.4744,
9.5835

■ 20.6186, 22.3635,
12.4637

■ 21.6035, 23.3144,
15.9334

■ 22.7144, 24.3295,
20.0237

■ 23.9567, 25.4110,
24.7634

Harmonies

Analogous

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



22.3896, 17.8457, 3.8058



16.9679, 17.8457, 2.6651



12.4994, 17.8457, 3.7999

Triad

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



16.9679, 17.8457, 2.6651



9.7751, 17.8457, 37.2167



27.0065, 17.8457, 37.2634

Complementary

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



16.9679, 17.8457, 2.6651



5.2232, 2.7981, 25.0756

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.



22.3769, 17.8457, 55.5842



16.9679, 17.8457, 2.6651



12.4908, 17.8457, 55.5490

Square

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



16.9679, 17.8457, 2.6651



8.8907, 17.8457, 19.4135



16.9557, 17.8457, 63.5402



28.8519, 17.8457, 19.4484

Rectangle

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



16.9679, 17.8457, 2.6651



10.4786, 17.8457, 6.3410



16.9557, 17.8457, 63.5402



25.6837, 17.8457, 43.8352

Sweetspot

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



16.9683, 17.8466, 2.6655



37.6386, 40.6797, 26.4790



11.1087, 5.7624, 1.8373



8.5200, 9.2265, 5.5612



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.



16.9683, 17.8466, 2.6655



29.6221, 30.9384, 4.4105



14.5676, 21.4289, 3.4834



5.3542, 5.6913, 5.3687



14.9965, 15.7273, 2.2453



0.1090, 0.1233, 0.0180

Inverse Universe

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



5.2232, 2.7981, 25.0756



8.8972, 4.4414, 44.1313



5.8507, 2.5339, 24.9916



4.8442, 5.0314, 6.3217



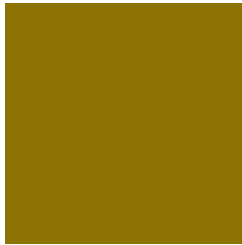
4.5404, 2.3511, 22.2602



0.0381, 0.0315, 0.1505

Previews

White Background



This preview shows how the XYZ color 16.9679, 17.8457, 2.6651 looks on a white background.

Color Contrast Check

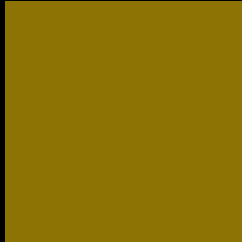
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9679, 17.8457, 2.6651 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 16.9679, 17.8457, 2.6651

Background



This preview shows how black text looks on a background with the XYZ color 16.9679, 17.8457, 2.6651.



This preview shows how white text looks on a background with the XYZ color 16.9679, 17.8457,

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

16.9679, 17.8457, 2.6651

Protanopia

16.1897, 17.9588, 2.8141

Deuteranopia

18.1452, 17.7850, 2.8243



Tritanopia

20.2063, 17.8642, 18.6028

Trichromacy



Original Color

16.9679, 17.8457, 2.6651

Protanomaly

16.5475, 17.9700, 2.7687

Deuteranomaly

17.6975, 17.7191, 2.7458

Tritanomaly

18.3475, 17.5892, 9.0846

Monochromacy



Original Color

16.9679, 17.8457, 2.6651

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8167, 16.1082, 8.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9679, 17.8457, 2.6651 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, 115, 4)` looks like.

```
.text, #text, p{  
    color:rgb(140, 115, 4)  
}
```

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, 115, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 115, 4) }
```

Border

The CSS property to change the border of an element to XYZ 16.9679, 17.8457, 2.6651 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, 115, 4) }
```


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

```
.border{ border-color:rgb(140, 115, 4) }
```

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

Here you see how a box with a 4 pixel rgb(140, 115, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 115, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 115, 4);  
box-shadow:4px 4px 4px 4px rgb(140, 115,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9679, 17.8457, 2.6651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 115, 4) }
```

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

```
.background{ background-color: rgb(140,  
115, 4) }
```

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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