

Converting Colors

XYZ(16.7421, 18.3185, 0.5231)

Have a look what the booklet for
XYZ(16.7421, 18.3185, 0.5231)
contains.

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Color

**XYZ(17.1259, 18.4458,
2.6578)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7600
RGB	139, 118, 0
RGB Percent	55%, 46%, 0%
CMY	0.4549, 0.5372, 1.0000
CMYK	0.00, 0.15, 1.00, 0.45
HSL	51°, 100%, 27%
HSV	51°, 100%, 55%
XYZ	17.1259, 18.4458, 2.6578
YIQ	110.8270, 50.3940, -32.2460

Conversions

Conversions Part 2

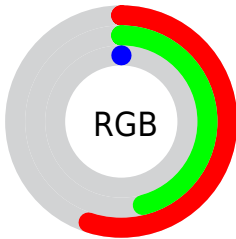
Format	Color
R _Y B	25, 139, 0
Decimal	9139712
CIE Lab	50.03, -2.22, 55.83
CIE LCh	50, 55.877, 92.273
Yxy	18.4458, 0.4480, 0.4825
Android (android.graphics.Color)	4287329792 (0xFF8B7600)
YUV	110.8270, -54.6377, 24.7077
Hunter-Lab	42.9486, -3.9825, 26.3949

Details

The XYZ color **17.1259, 18.4458, 2.6578** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.9285, 2.4006, 24.6296**, and the grayscale version is **15.2031, 15.9948, 17.4184**.

A 20% lighter version of the original color is **38.0651, 40.8554, 10.7301**, and **5.9365, 6.3116, 0.9054** is the 20% darker color. If you saturate the color by 10%, you get **17.1261, 18.4464, 2.6579**, and if you desaturate by 10%, it is **17.4550, 18.9782, 3.1554**.

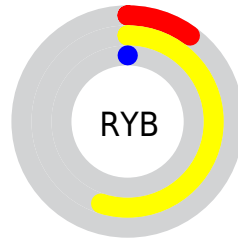
Distribution



Red (55%)

Green (46%)

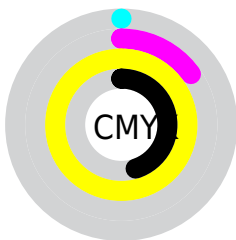
Blue (0%)



Red (10%)

Yellow (55%)

Blue (0%)

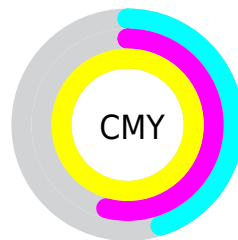


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1259, 18.4458, 2.6578 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 17.1259, 18.4458, 2.6578 by changing the saturation by 10% instead.

■ 17.1259, 18.4458,
2.6578

■ 17.1259, 18.4458,
2.6578

229.0390,
243.3719, 131.8753

■ 10.4202, 11.2705,
0.9221

■ 38.0840, 40.7955,
10.7717

■ 5.7428, 6.2491,
0.0000

■ 53.0671, 56.7387,
17.9875

■ 2.7285, 2.9971,
0.0000

■ 71.5399, 76.3734,
27.8674

■ 1.0119, 1.1302,
0.0000

■ 93.8680, 100.0838,
40.8297

■ 0.0000, 0.0036,
0.0000

■ 120.4165,
128.2545, 57.2931

■ 0.0000, 0.0000,
0.0000

■ 151.5510,

161.2699, 77.6762

187.6367,
199.5142, 102.3974

17.1259, 18.4458,
2.6578

17.1259, 18.4458,
2.6578

17.1261, 18.4464,
2.6579

17.4550, 18.9782,
3.1554

17.8392, 19.5409,
3.9182

18.3058, 20.1454,
5.0869

18.8641, 20.7955,
6.7111

19.5223, 21.4947,
8.8333

■ 20.2875, 22.2457,
11.4911

■ 21.1662, 23.0513,
14.7186

■ 22.1644, 23.9138,
18.5468

■ 23.2876, 24.8356,
23.0047

Harmonies

Analogous

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



22.7885, 18.4458, 3.6333



17.1259, 18.4458, 2.6578



12.5766, 18.4458, 4.0214

Triad

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



17.1259, 18.4458, 2.6578



10.1707, 18.4458, 40.3736



28.3525, 18.4458, 37.2241

Complementary

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



17.1259, 18.4458, 2.6578



4.9285, 2.4006, 24.6296

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.



23.6437, 18.4458, 56.8990



17.1259, 18.4458, 2.6578



13.1535, 18.4458, 59.2793

Square

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



17.1259, 18.4458, 2.6578



9.1062, 18.4458, 21.2800



17.9448, 18.4458, 66.4927



30.0060, 18.4458, 18.9344

Rectangle

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



17.1259, 18.4458, 2.6578



10.5678, 18.4458, 6.8795



17.9448, 18.4458, 66.4927



27.0328, 18.4458, 44.1579

Sweetspot

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



17.1263, 18.4467, 2.6582



37.7952, 41.1830, 25.9453



10.8039, 5.5517, 1.3219



8.5693, 9.3635, 5.4597



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.



17.1263, 18.4467, 2.6582



30.5740, 32.8423, 4.7278



13.7134, 20.7751, 3.2875



5.3678, 5.7184, 5.3732



15.4670, 16.6685, 2.4021



0.1108, 0.1269, 0.0187

Inverse Universe

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



4.9285, 2.4006, 24.6296



8.7456, 4.1382, 44.0808



5.8023, 2.4530, 24.5936



4.8317, 5.0064, 6.3175



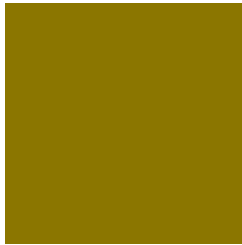
4.4567, 2.1838, 22.2323



0.0363, 0.0279, 0.1499

Previews

White Background



This preview shows how the XYZ color 17.1259, 18.4458, 2.6578 looks on a white background.

Color Contrast Check

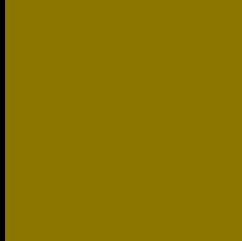
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1259, 18.4458, 2.6578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

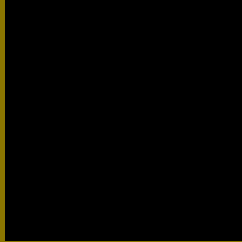
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1259, 18.4458, 2.6578

Background



This preview shows how black text looks on a background with the XYZ color 17.1259, 18.4458, 2.6578.



This preview shows how white text looks on a background with the XYZ color 17.1259, 18.4458,

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

17.1259, 18.4458, 2.6578

Protanopia

16.7301, 18.5926, 2.8218

Deuteranopia

18.7403, 18.4186, 2.9482



Tritanopia

20.5230, 18.4796, 19.6248

Trichromacy



Original Color

17.1259, 18.4458, 2.6578

Protanomaly

16.7666, 18.4345, 2.7607

Deuteranomaly

18.2072, 18.4820, 2.8375

Tritanomaly

18.5028, 18.1579, 9.1862

Monochromacy



Original Color

17.1259, 18.4458, 2.6578

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0398, 16.5545, 8.3639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1259, 18.4458, 2.6578 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, 118, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 118, 0)  
}
```

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, 118, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 118, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.1259, 18.4458, 2.6578 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, 118, 0) }
```


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

```
.border{ border-color:rgb(139, 118, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 118, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 118, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 118, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 118,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1259, 18.4458, 2.6578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 118, 0) }
```

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

```
.background{ background-color: rgb(139,  
118, 0) }
```

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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