

Converting Colors

XYZ(17.4866, 18.2088, 2.5930)

Have a look what the booklet for
XYZ(17.4866, 18.2088, 2.5930)
contains.

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Color

**XYZ(17.5731, 18.3304,
2.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7400
RGB	143, 116, 0
RGB Percent	56%, 45%, 0%
CMY	0.4392, 0.5451, 1.0000
CMYK	0.00, 0.19, 1.00, 0.44
HSL	49°, 100%, 28%
HSV	49°, 100%, 56%
XYZ	17.5731, 18.3304, 2.6119
YIQ	110.8490, 53.3280, -30.3520

Conversions

Conversions Part 2

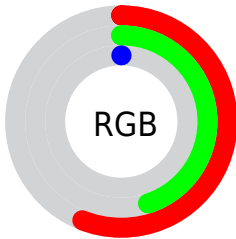
Format	Color
R_{YB}	33, 143, 0
Decimal	9401344
CIE Lab	49.89, 0.82, 55.93
CIE LCh	50, 55.937, 89.164
Yxy	18.3304, 0.4563, 0.4759
Android (android.graphics.Color)	4287591424 (0xFF8F7400)
YUV	110.8490, -54.6486, 28.1964
Hunter-Lab	42.8140, -1.6588, 26.3528

Details

The XYZ color **17.5731, 18.3304, 2.6119** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.3500, 2.7672, 26.2386**, and the grayscale version is **15.2089, 16.0009, 17.4250**.

A 20% lighter version of the original color is **39.0154, 40.7929, 10.6680**, and **6.0916, 6.2090, 0.8774** is the 20% darker color. If you saturate the color by 10%, you get **17.5733, 18.3310, 2.6120**, and if you desaturate by 10%, it is **17.9706, 18.9954, 3.1458**.

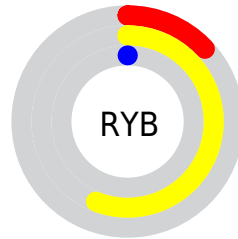
Distribution



Red (56%)

Green (45%)

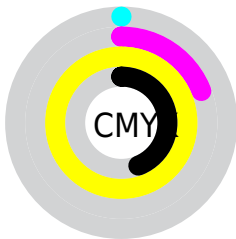
Blue (0%)



Red (13%)

Yellow (56%)

Blue (0%)

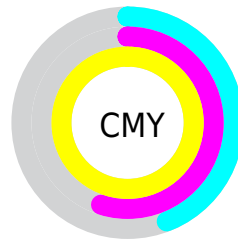


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5731, 18.3304, 2.6119 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 17.5731, 18.3304, 2.6119 by changing the saturation by 10% instead.

■ 17.5731, 18.3304,
2.6119

■ 17.5731, 18.3304,
2.6119

231.5461,
242.7268, 131.2528

■ 10.7418, 11.1875,
0.8986

■ 38.8444, 40.5995,
10.6547

■ 5.9595, 6.1931,
0.0000

■ 54.0150, 56.4945,
17.8228

■ 2.8609, 2.9628,
0.0000

■ 72.6961, 76.0756,
27.6468

■ 1.0806, 1.1124,
0.0000

■ 95.2530, 99.7272,
40.5451


■ 0.0088, 0.0000,
0.0000


■ 122.0511,
127.8337, 56.9363


■ 0.0000, 0.0000,
0.0000


■ 153.4558,


160.7796, 77.2390


 189.8323,
198.9491, 101.8716


 17.5731, 18.3304,
2.6119


 17.5731, 18.3304,
2.6119


 17.5733, 18.3310,
2.6120

 17.9706, 18.9954,
3.1458

 18.4311, 19.6994,
3.9680

 18.9825, 20.4545,
5.2241

 19.6352, 21.2649,
6.9676

 20.3979, 22.1343,
9.2441

■ 21.2783, 23.0658,
12.0939

■ 22.2833, 24.0623,
15.5536

■ 23.4195, 25.1266,
19.6567

■ 24.6927, 26.2611,
24.4341

Harmonies

Analogous

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



23.2493, 18.3304, 3.8390



17.5731, 18.3304, 2.6119



12.8723, 18.3304, 3.6975

Triad

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



17.5731, 18.3304, 2.6119



9.8911, 18.3304, 38.0472



27.8398, 18.3304, 39.2040

Complementary

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



17.5731, 18.3304, 2.6119



5.3500, 2.7672, 26.2386

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.



22.9355, 18.3304, 58.3553



17.5731, 18.3304, 2.6119



12.6609, 18.3304, 57.4804

Square

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



17.5731, 18.3304, 2.6119



9.0238, 18.3304, 19.5317



17.2728, 18.3304, 66.3284



29.8748, 18.3304, 20.3919

Rectangle

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



17.5731, 18.3304, 2.6119



10.7373, 18.3304, 6.2219



17.2728, 18.3304, 66.3284



26.4285, 18.3304, 46.1077

Sweetspot

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



17.5735, 18.3313, 2.6123



39.7843, 42.9746, 27.4247



11.5446, 5.9265, 1.6724



8.9625, 9.6977, 5.7279



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.5735, 18.3313, 2.6123



31.3538, 32.5932, 4.6386



15.0892, 22.3600, 3.5208



5.7542, 6.1147, 5.7664



15.5524, 16.2366, 2.3143



0.1631, 0.1841, 0.0269

Inverse Universe

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



5.3500, 2.7672, 26.2386



9.4841, 4.7621, 46.9573



5.9502, 2.4948, 26.1544



5.2069, 5.4096, 6.7985



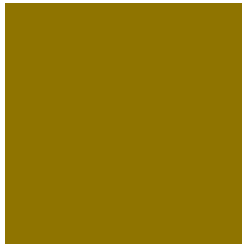
4.7425, 2.4710, 23.2041



0.0576, 0.0481, 0.2259

Previews

White Background



This preview shows how the XYZ color 17.5731, 18.3304, 2.6119 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 17.5731, 18.3304, 2.6119 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 17.5731, 18.3304, 2.6119

Background



This preview shows how black text looks on a background with the XYZ color 17.5731, 18.3304, 2.6119.



This preview shows how white text looks on a background with the XYZ color 17.5731, 18.3304,

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

17.5731, 18.3304, 2.6119

Protanopia

16.4612, 18.2751, 2.8322

Deuteranopia

18.5432, 18.3184, 2.8751



Tritanopia

20.9094, 18.3756, 18.9678

Trichromacy



Original Color

17.5731, 18.3304, 2.6119

Protanomaly

16.8169, 18.2840, 2.7577

Deuteranomaly

18.0883, 18.2530, 2.7708

Tritanomaly

18.9531, 18.0663, 8.9668

Monochromacy



Original Color

17.5731, 18.3304, 2.6119

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2108, 16.4761, 8.3398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5731, 18.3304, 2.6119 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(143, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 116, 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(143, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 116, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.5731, 18.3304, 2.6119 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(143, 116, 0) }
```


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

```
.border{ border-color:rgb(143, 116, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 116, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 116,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5731, 18.3304, 2.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 116, 0) }
```

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

```
.background{ background-color: rgb(143,  
116, 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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