

Converting Colors

XYZ(17.3460, 17.9276, 2.5461)

Have a look what the booklet for
XYZ(17.3460, 17.9276, 2.5461)
contains.

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Color

**XYZ(17.3450, 17.8743,
2.5359)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7200
RGB	143, 114, 0
RGB Percent	56%, 45%, 0%
CMY	0.4392, 0.5529, 1.0000
CMYK	0.00, 0.20, 1.00, 0.44
HSL	48°, 100%, 28%
HSV	48°, 100%, 56%
XYZ	17.3450, 17.8743, 2.5359
YIQ	109.6750, 53.8780, -29.3060

Conversions

Conversions Part 2

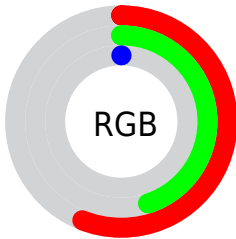
Format	Color
R_{YB}	36, 143, 0
Decimal	9400832
CIE _{Lab}	49.34, 1.95, 55.55
CIE _{LCh}	49, 55.580, 87.985
Yxy	17.8743, 0.4594, 0.4734
Android (android.graphics.Color)	4287590912 (0xFF8F7200)
YUV	109.6750, -54.0698, 29.2260
Hunter-Lab	42.2780, -0.7550, 26.0383

Details

The XYZ color **17.3450, 17.8743, 2.5359** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.3974, 2.8620, 26.2543**, and the grayscale version is **14.8676, 15.6419, 17.0340**.

A 20% lighter version of the original color is **38.4679, 39.6979, 10.4855**, and **6.0317, 6.0890, 0.8574** is the 20% darker color. If you saturate the color by 10%, you get **17.3452, 17.8749, 2.5360**, and if you desaturate by 10%, it is **17.7590, 18.5723, 3.0753**.

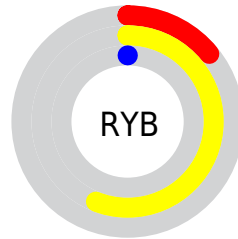
Distribution



Red (56%)

Green (45%)

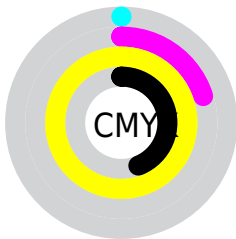
Blue (0%)



Red (14%)

Yellow (56%)

Blue (0%)

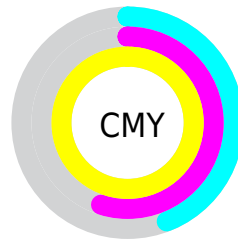


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3450, 17.8743, 2.5359 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 17.3450, 17.8743, 2.5359 by changing the saturation by 10% instead.

■ 17.3450, 17.8743,
2.5359

■ 17.3450, 17.8743,
2.5359

230.2704,
240.1616, 130.2105

■ 10.5776, 10.8598,
0.8591

■ 38.4569, 39.8230,
10.4600

■ 5.8488, 5.9726,
0.0000

■ 53.5321, 55.5260,
17.5482

■ 2.7931, 2.8284,
0.0000

■ 72.1073, 74.8939,
27.2784

■ 1.0453, 1.0428,
0.0000


■ 94.5478, 98.3112,
40.0694


■ 0.0000, 0.0000,
0.0000


■ 121.2191,
126.1622, 56.3395


■ 152.4863,


158.8314, 76.5074


 188.7150,
196.7030, 100.9915


 17.3450, 17.8743,
2.5359


 17.3450, 17.8743,
2.5359


 17.3452, 17.8749,
2.5360

 17.7590, 18.5723,
3.0753

 18.2374, 19.3121,
3.9034

 18.8081, 20.1057,
5.1660

 19.4814, 20.9574,
6.9164

 20.2661, 21.8708,
9.2002

■ 21.1699, 22.8492,
12.0578

■ 22.1998, 23.8955,
15.5258

■ 23.3623, 25.0124,
19.6376

■ 24.6634, 26.2025,
24.4243

Harmonies

Analogous

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



22.8981, 17.8743, 3.8306



17.3450, 17.8743, 2.5359



12.6930, 17.8743, 3.4981

Triad

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



17.3450, 17.8743, 2.5359



9.5653, 17.8743, 36.3487



27.0234, 17.8743, 39.0739

Complementary

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



17.3450, 17.8743, 2.5359



5.3974, 2.8620, 26.2543

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.



22.1590, 17.8743, 57.5883



17.3450, 17.8743, 2.5359



12.1955, 17.8743, 55.5264

Square

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



17.3450, 17.8743, 2.5359



8.7896, 17.8743, 18.4670



16.6379, 17.8743, 64.7733



29.1529, 17.8743, 20.4923

Rectangle

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



17.3450, 17.8743, 2.5359



10.5585, 17.8743, 5.8482



16.6379, 17.8743, 64.7733



25.6106, 17.8743, 45.8078

Sweetspot

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



17.3454, 17.8752, 2.5362



39.6321, 42.6701, 27.3739



11.5748, 5.9386, 1.8317



8.9236, 9.6201, 5.7149



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.



17.3454, 17.8752, 2.5362



30.9395, 31.7646, 4.5005



15.3570, 22.4979, 3.5333



5.7480, 6.1022, 5.7643



15.3516, 15.8348, 2.2473



0.1620, 0.1818, 0.0265

Inverse Universe

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



5.3974, 2.8620, 26.2543



9.5639, 4.9216, 46.9839



5.8534, 2.4449, 26.1497



5.2127, 5.4212, 6.8004



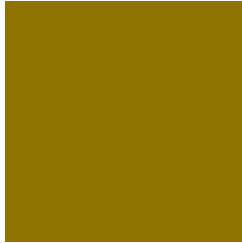
4.7850, 2.5561, 23.2183



0.0587, 0.0504, 0.2263

Previews

White Background



This preview shows how the XYZ color 17.3450, 17.8743, 2.5359 looks on a white background.

Color Contrast Check

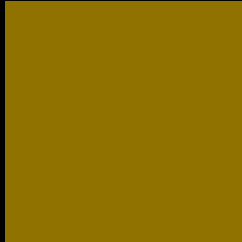
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3450, 17.8743, 2.5359 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 17.3450, 17.8743, 2.5359

Background



This preview shows how black text looks on a background with the XYZ color 17.3450, 17.8743, 2.5359.



This preview shows how white text looks on a background with the XYZ color 17.3450, 17.8743,

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

17.3450, 17.8743, 2.5359

Protanopia

16.1842, 17.9566, 2.7853

Deuteranopia

18.2379, 17.9976, 2.7711



Tritanopia

20.5857, 17.9125, 18.2921

Trichromacy



Original Color

17.3450, 17.8743, 2.5359

Protanomaly

16.6997, 18.0497, 2.7186

Deuteranomaly

17.9706, 18.0264, 2.7046

Tritanomaly

18.7039, 17.6214, 8.7188

Monochromacy



Original Color

17.3450, 17.8743, 2.5359

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8160, 15.9487, 8.0919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3450, 17.8743, 2.5359 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, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 114, 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, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 114, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3450, 17.8743, 2.5359 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, 114, 0) }
```


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

```
.border{ border-color:rgb(143, 114, 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, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 114,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3450, 17.8743, 2.5359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 114, 0) }
```

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

```
.background{ background-color: rgb(143,  
114, 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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