

Converting Colors

XYZ(17.2357, 17.2664, 2.8543)

Have a look what the booklet for
XYZ(17.2357, 17.2664, 2.8543)
contains.

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Color

**XYZ(17.2653, 17.3299,
2.8505)**

Conversions

Conversions Part 1

Format	Color
Hex	906F0E
RGB	144, 111, 14
RGB Percent	56%, 44%, 5%
CMY	0.4353, 0.5647, 0.9451
CMYK	0.00, 0.23, 0.90, 0.44
HSL	45°, 82%, 31%
HSV	45°, 90%, 56%
XYZ	17.2653, 17.3299, 2.8505
YIQ	109.8090, 50.8050, -23.1710

Conversions

Conversions Part 2

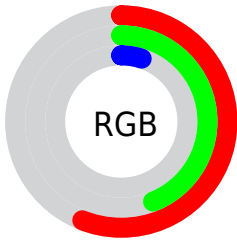
Format	Color
R_{YB}	58, 144, 14
Decimal	9465614
CIE Lab	48.67, 4.41, 52.12
CIE LCh	49, 52.305, 85.166
Yxy	17.3299, 0.4611, 0.4628
Android (android.graphics.Color)	4287655694 (0xFF906F0E)
YUV	109.8090, -47.2338, 29.9855
Hunter-Lab	41.6292, 1.1800, 25.0806

Details

The XYZ color **17.2653, 17.3299, 2.8505** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.2317, 4.1401, 26.8560**, and the grayscale version is **14.8877, 15.6630, 17.0570**.

A 20% lighter version of the original color is **38.3829, 38.8394, 11.2681**, and **5.9532, 5.7906, 0.8039** is the 20% darker color. If you saturate the color by 10%, you get **16.8061, 16.5386, 2.3065**, and if you desaturate by 10%, it is **17.8079, 18.1989, 3.6984**.

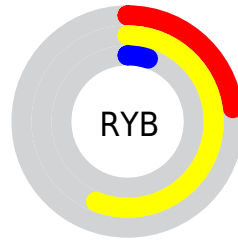
Distribution



Red (56%)

Green (44%)

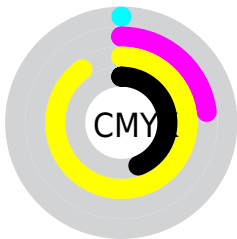
Blue (5%)



Red (23%)

Yellow (56%)

Blue (5%)

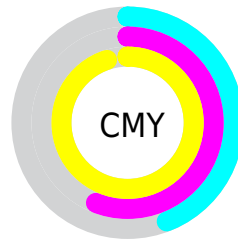


Cyan (0%)

Magenta (23%)

Yellow (90%)

Black (44%)



Cyan (44%)

Magenta (56%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2653, 17.3299, 2.8505 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 17.2653, 17.3299, 2.8505 by changing the saturation by 10% instead.

■ 17.2653, 17.3299,
2.8505

■ 17.2653, 17.3299,
2.8505

229.8232,
237.0664, 134.4332

■ 10.5203, 10.4700,
1.0188

■ 38.3213, 38.8921,
11.2573

■ 5.8102, 5.7117,
0.0000

■ 53.3631, 54.3632,
18.6694

■ 2.7696, 2.6706,
0.0000

■ 71.9011, 73.4735,
28.7788

■ 1.0331, 0.9623,
0.0000


■ 94.3008, 96.6073,
42.0040


■ 0.0000, 0.0000,
0.0000


■ 120.9275,
124.1492, 58.7634


■ 152.1466,


156.4833, 79.4758


 188.3233,
193.9943, 104.5595


 17.2653, 17.3299,
2.8505


 17.2653, 17.3299,
2.8505


 16.8061, 16.5386,
2.3065

 17.8079, 18.1989,
3.6984

 18.4495, 19.1332,
4.9875

 19.2009, 20.1382,
6.7729

 20.0712, 21.2178,
9.1012

 21.0685, 22.3754,
12.0137

■ 22.1999, 23.6143,
15.5476

■ 23.4722, 24.9373,
19.7372

■ 24.8914, 26.3473,
24.6141

■ 26.4634, 27.8468,
30.2078

Harmonies

Analogous

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



22.3555, 17.3299, 4.3885



17.2653, 17.3299, 2.8505



12.8350, 17.3299, 3.5955

Triad

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



17.2653, 17.3299, 2.8505



9.4242, 17.3299, 32.5634



25.3143, 17.3299, 38.4639

Complementary

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



17.2653, 17.3299, 2.8505



6.2317, 4.1401, 26.8560

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.



20.7373, 17.3299, 54.5503



17.2653, 17.3299, 2.8505



11.7228, 17.3299, 50.1341

Square

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



17.2653, 17.3299, 2.8505



8.8524, 17.3299, 16.7189



15.7025, 17.3299, 59.6233



27.5454, 17.3299, 21.1966

Rectangle

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



17.2653, 17.3299, 2.8505



10.7325, 17.3299, 5.6567



15.7025, 17.3299, 59.6233



23.9604, 17.3299, 44.4658

Sweetspot

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



17.2657, 17.3308, 2.8508



39.7413, 42.2704, 29.3158



12.2060, 6.4624, 3.4735



8.9649, 9.5360, 6.2422



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.



17.2657, 17.3308, 2.8508



29.5045, 28.8946, 4.0222



16.9487, 23.5332, 4.0647



5.7253, 6.0568, 5.7567



14.6546, 14.4409, 2.0150



0.1577, 0.1733, 0.0251

Inverse Universe

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



6.2317, 4.1401, 26.8560



9.9054, 5.6045, 47.0977



6.2444, 2.8708, 26.6103



5.2340, 5.4637, 6.8075



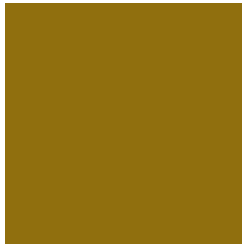
4.9645, 2.9150, 23.2781



0.0630, 0.0589, 0.2277

Previews

White Background



This preview shows how the XYZ color 17.2653, 17.3299, 2.8505 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 17.2653, 17.3299, 2.8505 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 17.2653, 17.3299, 2.8505

Background



This preview shows how black text looks on a background with the XYZ color 17.2653, 17.3299, 2.8505.



This preview shows how white text looks on a background with the XYZ color 17.2653, 17.3299,

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

17.2653, 17.3299, 2.8505

Protanopia

15.6990, 17.3535, 3.0123

Deuteranopia

17.5162, 17.2973, 2.8675



Tritanopia

20.1139, 17.2378, 17.3060

Trichromacy



Original Color

17.2653, 17.3299, 2.8505

Protanomaly

16.2569, 17.3034, 2.9350

Deuteranomaly

17.3392, 17.2061, 2.8592

Tritanomaly

18.4912, 17.0329, 9.1506

Monochromacy



Original Color

17.2653, 17.3299, 2.8505

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8720, 15.7974, 8.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2653, 17.3299, 2.8505 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(144, 111, 14)` looks like.

```
.text, #text, p{  
    color:rgb(144, 111, 14)  
}
```

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(144, 111, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 111, 14) }
```

Border

The CSS property to change the border of an element to XYZ 17.2653, 17.3299, 2.8505 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(144, 111, 14) }
```


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

```
.border{ border-color:rgb(144, 111, 14) }
```

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

Here you see how a box with a 4 pixel rgb(144, 111, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 111, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 111, 14);  
box-shadow:4px 4px 4px 4px rgb(144, 111,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2653, 17.3299, 2.8505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 111, 14) }
```

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

```
.background{ background-color: rgb(144,  
111, 14) }
```

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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