

Converting Colors

XYZ(14.9880, 17.2479, 0.0000)

Have a look what the booklet for
XYZ(14.9880, 17.2479, 0.0000)
contains.

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Color

**XYZ(15.4146, 17.3897,
2.5441)**

Conversions

Conversions Part 1

Format	Color
Hex	817500
RGB	129, 117, 0
RGB Percent	51%, 46%, 0%
CMY	0.4941, 0.5412, 1.0000
CMYK	0.00, 0.09, 1.00, 0.49
HSL	54°, 100%, 25%
HSV	54°, 100%, 51%
XYZ	15.4146, 17.3897, 2.5441
YIQ	107.2500, 44.7090, -33.8430

Conversions

Conversions Part 2

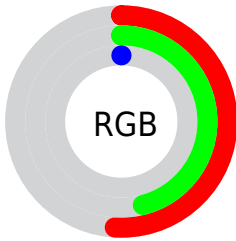
Format	Color
R_YB	13, 129, 0
Decimal	8484096
CIE Lab	48.75, -6.42, 54.46
CIE LCh	49, 54.833, 96.719
Yxy	17.3897, 0.4361, 0.4920
Android (android.graphics.Color)	4286674176 (0xFF817500)
YUV	107.2500, -52.8742, 19.0748
Hunter-Lab	41.7010, -6.9948, 25.5735

Details

The XYZ color **15.4146, 17.3897, 2.5441** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.0940, 1.8480, 20.9098**, and the grayscale version is **14.1789, 14.9173, 16.2449**.

A 20% lighter version of the original color is **35.1210, 39.0604, 10.5388**, and **5.1086, 5.7927, 0.8489** is the 20% darker color. If you saturate the color by 10%, you get **15.4149, 17.3904, 2.5442**, and if you desaturate by 10%, it is **15.6277, 17.7007, 2.9705**.

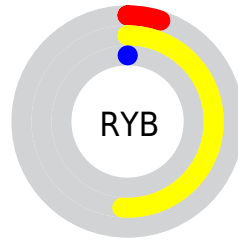
Distribution



Red (51%)

Green (46%)

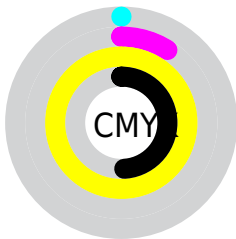
Blue (0%)



Red (5%)

Yellow (51%)

Blue (0%)

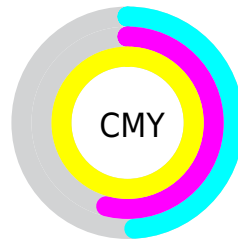


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4146, 17.3897, 2.5441 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 15.4146, 17.3897, 2.5441 by changing the saturation by 10% instead.

■ 15.4146, 17.3897,
2.5441

■ 15.4146, 17.3897,
2.5441

219.2011,
237.4082, 130.3237

■ 9.1991, 10.5127,
0.8634

■ 35.1446, 38.9946,
10.4811

■ 4.9294, 5.7402,
0.0000

■ 49.3898, 54.4913,
17.5779

■ 2.2402, 2.6878,
0.0000

■ 67.0423, 73.6301,
27.3184

■ 0.7638, 0.9710,
0.0000


■ 88.4674, 96.7953,
40.1210


■ 0.0000, 0.0000,
0.0000


■ 114.0304,
124.3713, 56.4042


■ 144.0969,


156.7425, 76.5868


 179.0320,
194.2933, 101.0871


 15.4146, 17.3897,
2.5441


 15.4146, 17.3897,
2.5441


 15.4149, 17.3904,
2.5442

 15.6277, 17.7007,
2.9705

 15.8824, 18.0306,
3.6092

 16.2038, 18.3900,
4.5897

 16.5996, 18.7821,
5.9530

 17.0764, 19.2095,
7.7342

■ 17.6402, 19.6746,
9.9646

■ 18.2964, 20.1796,
12.6722

■ 19.0498, 20.7265,
15.8830

■ 19.9051, 21.3170,
19.6211

Harmonies

Analogous

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



20.6857, 17.3897, 3.1298



15.4146, 17.3897, 2.5441



11.3611, 17.3897, 4.2195

Triad

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



15.4146, 17.3897, 2.5441



9.8845, 17.3897, 40.9946



27.1896, 17.3897, 32.2417

Complementary

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



15.4146, 17.3897, 2.5441



4.0940, 1.8480, 20.9098

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.



23.0642, 17.3897, 51.2608



15.4146, 17.3897, 2.5441



12.9691, 17.3897, 57.8665

Square

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



15.4146, 17.3897, 2.5441



8.6182, 17.3897, 22.3899



17.6946, 17.3897, 62.3589



28.2144, 17.3897, 15.8542

Rectangle

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



15.4146, 17.3897, 2.5441



9.6485, 17.3897, 7.3798



17.6946, 17.3897, 62.3589



26.0837, 17.3897, 38.7428

Sweetspot

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



15.4150, 17.3905, 2.5444



32.6759, 36.0708, 22.3206



9.1254, 4.6961, 0.8031



7.2993, 8.0912, 4.6494



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.4150, 17.3905, 2.5444



27.5461, 31.0252, 4.5366



10.9435, 17.2951, 2.7617



4.6323, 4.9532, 4.6320



15.0313, 16.9590, 2.4812



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.0940, 1.8480, 20.9098



7.2761, 3.1987, 37.4264



5.3584, 2.3047, 20.9313



4.1386, 4.2711, 5.4196



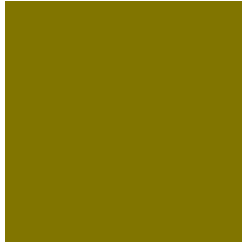
3.9932, 1.8049, 20.3879



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4146, 17.3897, 2.5441 looks on a white background.

Color Contrast Check

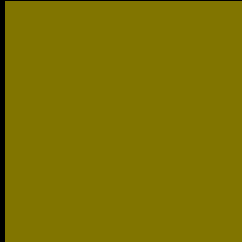
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4146, 17.3897, 2.5441 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 15.4146, 17.3897, 2.5441

Background



This preview shows how black text looks on a background with the XYZ color 15.4146, 17.3897, 2.5441.



This preview shows how white text looks on a background with the XYZ color 15.4146, 17.3897,

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

15.4146, 17.3897, 2.5441

Protanopia

15.6055, 17.3161, 2.5198

Deuteranopia

17.6948, 17.3894, 2.8758



Tritanopia

18.8329, 17.4559, 19.2063

Trichromacy



Original Color

15.4146, 17.3897, 2.5441

Protanomaly

15.4513, 17.2366, 2.5126

Deuteranomaly

16.7751, 17.4076, 2.7630

Tritanomaly

16.7031, 17.0693, 8.8929

Monochromacy



Original Color

15.4146, 17.3897, 2.5441

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.7981, 15.4311, 7.7201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4146, 17.3897, 2.5441 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(129, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(129, 117, 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(129, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 117, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.4146, 17.3897, 2.5441 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(129, 117, 0) }
```


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

```
.border{ border-color:rgb(129, 117, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(129, 117,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4146, 17.3897, 2.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 117, 0) }
```

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

```
.background{ background-color: rgb(129,  
117, 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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