

Converting Colors

XYZ(14.3426, 17.1867, 2.5614)

Have a look what the booklet for
XYZ(14.3426, 17.1867, 2.5614)
contains.

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Color

**XYZ(14.3426, 17.1867,
2.5614)**

Conversions

Conversions Part 1

Format	Color
Hex	787700
RGB	120, 119, 0
RGB Percent	47%, 47%, 0%
CMY	0.5294, 0.5333, 1.0000
CMYK	0.00, 0.01, 1.00, 0.53
HSL	60°, 100%, 24%
HSV	60°, 100%, 47%
XYZ	14.3426, 17.1867, 2.5614
YIQ	105.7330, 38.7950, -36.7970

Conversions

Conversions Part 2

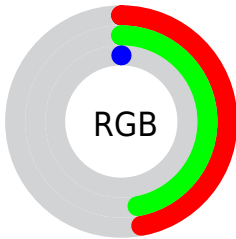
Format	Color
R_YB	1, 120, 0
Decimal	7894784
CIE Lab	48.49, -11.80, 53.89
CIE LCh	48, 55.167, 102.349
Yxy	17.1867, 0.4207, 0.5041
Android (android.graphics.Color)	4286084864 (0xFF787700)
YUV	105.7330, -52.1264, 12.5122
Hunter-Lab	41.4568, -10.7948, 25.3566

Details

The XYZ color **14.3426, 17.1867, 2.5614** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.4011, 1.3779, 17.8560**, and the grayscale version is **13.7577, 14.4742, 15.7624**.

A 20% lighter version of the original color is **33.3928, 38.7261, 10.5654**, and **4.5680, 5.6998, 0.8594** is the 20% darker color. If you saturate the color by 10%, you get **14.3429, 17.1875, 2.5616**, and if you desaturate by 10%, it is **14.4212, 17.2378, 2.9152**.

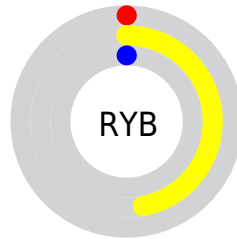
Distribution



Red (47%)

Green (47%)

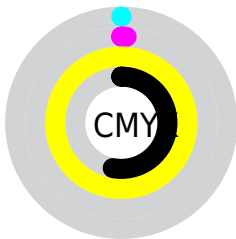
Blue (0%)



Red (0%)

Yellow (47%)

Blue (0%)

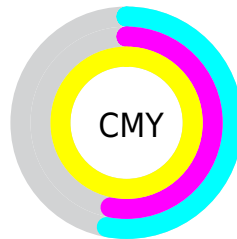


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3426, 17.1867, 2.5614 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 14.3426, 17.1867, 2.5614 by changing the saturation by 10% instead.

■ 14.3426, 17.1867,
2.5614

■ 14.3426, 17.1867,
2.5614

212.8201,
236.2460, 130.5619

■ 8.4426, 10.3677,
0.8724

■ 33.2769, 38.6465,
10.5255

■ 4.4336, 5.6434,
0.0000

■ 47.0420, 54.0561,
17.6406

■ 1.9503, 2.6295,
0.0000

■ 64.1594, 73.0980,
27.4025

■ 0.6058, 0.9415,
0.0000


■ 84.9946, 96.1566,
40.2296


■ 0.0000, 0.0000,
0.0000


■ 109.9129,
123.6163, 56.5406


■ 139.2797,


155.8615, 76.7539


 173.4603,
193.2766, 101.2882


 14.3426, 17.1867,
2.5614


 14.3426, 17.1867,
2.5614


 14.3429, 17.1875,
2.5616

 14.4212, 17.2378,
2.9152

 14.5316, 17.3010,
3.4380

 14.6971, 17.3862,
4.2508

 14.9242, 17.4961,
5.3875

 15.2182, 17.6328,
6.8772

■ 15.5843, 17.7983,
8.7460

■ 16.0268, 17.9944,
11.0174

■ 16.5499, 18.2228,
13.7130

■ 17.1574, 18.4849,
16.8528

Harmonies

Analogous

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



19.4653, 17.1867, 2.7426



14.3426, 17.1867, 2.5614



10.6209, 17.1867, 4.7540

Triad

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



14.3426, 17.1867, 2.5614



10.1506, 17.1867, 44.4451



27.4658, 17.1867, 28.4930

Complementary

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



14.3426, 17.1867, 2.5614



3.4011, 1.3779, 17.8560

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.



23.8016, 17.1867, 47.7679



14.3426, 17.1867, 2.5614



13.5604, 17.1867, 59.7795

Square

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



14.3426, 17.1867, 2.5614



8.5579, 17.1867, 25.3243



18.5048, 17.1867, 61.2377



27.7964, 17.1867, 13.3665

Rectangle

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



14.3426, 17.1867, 2.5614



9.1465, 17.1867, 8.5352



18.5048, 17.1867, 61.2377



26.5530, 17.1867, 34.8438

Sweetspot

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



14.3430, 17.1875, 2.5617



28.1259, 31.6215, 19.0567



7.7568, 3.9976, 0.4204



6.5997, 7.4649, 4.1780



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.3430, 17.1875, 2.5617



25.2216, 30.2195, 4.5036



8.7033, 14.4572, 2.3320



4.3050, 4.6285, 4.2910



15.6468, 18.7494, 2.7943



74.6033, 89.3701, 13.3181

Inverse Universe

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



3.4011, 1.3779, 17.8560



5.9767, 2.4131, 31.4038



5.1354, 2.2559, 17.9341



3.8001, 3.8984, 4.9954



3.7097, 1.5019, 19.4797



17.6649, 7.1024, 92.9096

Previews

White Background



This preview shows how the XYZ color 14.3426, 17.1867, 2.5614 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 14.3426, 17.1867, 2.5614 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 14.3426, 17.1867, 2.5614

Background



This preview shows how black text looks on a background with the XYZ color 14.3426, 17.1867, 2.5614.



This preview shows how white text looks on a background with the XYZ color 14.3426, 17.1867,

2.5614.

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

14.3426, 17.1867, 2.5614

Protanopia

15.4513, 17.2366, 2.5126

Deuteranopia

17.4319, 17.0919, 2.9526



Tritanopia

17.9163, 17.2900, 19.8458

Trichromacy



Original Color

14.3426, 17.1867, 2.5614

Protanomaly

14.9655, 17.1582, 2.5231

Deuteranomaly

16.2821, 17.1528, 2.7693

Tritanomaly

15.7793, 16.9164, 9.2710

Monochromacy



Original Color

14.3426, 17.1867, 2.5614

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.2531, 15.1536, 7.5366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3426, 17.1867, 2.5614 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(120, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 119, 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(120, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 119, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.3426, 17.1867, 2.5614 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(120, 119, 0) }
```


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

```
.border{ border-color:rgb(120, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 119,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3426, 17.1867, 2.5614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 119, 0) }
```

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

```
.background{ background-color: rgb(120,  
119, 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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