

Converting Colors

XYZ(14.5902, 17.5802, 2.6243)

Have a look what the booklet for
XYZ(14.5902, 17.5802, 2.6243)
contains.

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Color

**XYZ(14.4622, 17.4260,
2.6013)**

Conversions

Conversions Part 1

Format	Color
Hex	787800
RGB	120, 120, 0
RGB Percent	47%, 47%, 0%
CMY	0.5294, 0.5294, 1.0000
CMYK	0.00, 0.00, 1.00, 0.53
HSL	60°, 100%, 24%
HSV	60°, 100%, 47%
XYZ	14.4622, 17.4260, 2.6013
YIQ	106.3200, 38.5200, -37.3200

Conversions

Conversions Part 2

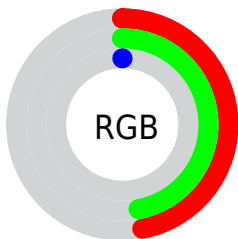
Format	Color
RYB	0, 120, 0
Decimal	7895040
CIELab	48.79, -12.34, 54.11
CIELCh	49, 55.499, 102.852
Yxy	17.4260, 0.4193, 0.5053
Android (android.graphics.Color)	4286085120 (0xFF787800)
YUV	106.3200, -52.4158, 11.9974
Hunter-Lab	41.7445, -11.2122, 25.5265

Details

The XYZ color **14.4622, 17.4260, 2.6013** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.3906, 1.3564, 17.8535**, and the grayscale version is **13.9203, 14.6453, 15.9487**.

A 20% lighter version of the original color is **33.5824, 39.1053, 10.6286**, and **4.6321, 5.8280, 0.8808** is the 20% darker color. If you saturate the color by 10%, you get **14.4626, 17.4268, 2.6015**, and if you desaturate by 10%, it is **14.5290, 17.4534, 2.9511**.

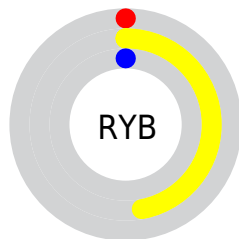
Distribution



Red (47%)

Green (47%)

Blue (0%)



Red (0%)

Yellow (47%)

Blue (0%)

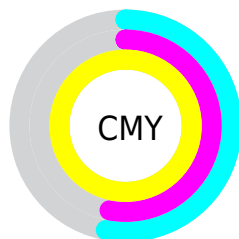


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4622, 17.4260, 2.6013 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 14.4622, 17.4260, 2.6013 by changing the saturation by 10% instead.

■ 14.4622, 17.4260,
2.6013

■ 14.4622, 17.4260,
2.6013

213.5411,
237.6155, 131.1084

■ 8.5267, 10.5387,
0.8931

■ 33.4864, 39.0568,
10.6277

■ 4.4884, 5.7576,
0.0000

■ 47.3057, 54.5690,
17.7847

■ 1.9820, 2.6982,
0.0000

■ 64.4837, 73.7250,
27.5956

■ 0.6238, 0.9763,
0.0000


■ 85.3858, 96.9092,
40.4791


■ 0.0000, 0.0000,
0.0000


■ 110.3772,
124.5060, 56.8535


■ 139.8233,


156.8997, 77.1375


 174.0895,
194.4747, 101.7496


 14.4622, 17.4260,
2.6013


 14.4622, 17.4260,
2.6013


 14.4626, 17.4268,
2.6015

 14.5290, 17.4534,
2.9511

 14.6276, 17.4928,
3.4701

 14.7813, 17.5543,
4.2790

 14.9964, 17.6404,
5.4118

 15.2787, 17.7533,
6.8976

■ 15.6329, 17.8950,
8.7626

■ 16.0635, 18.0672,
11.0301

■ 16.5747, 18.2717,
13.7219

■ 17.1703, 18.5100,
16.8580

Harmonies

Analogous

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



19.6482, 17.4260, 2.7499



14.4622, 17.4260, 2.6013



10.7141, 17.4260, 4.8762

Triad

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



14.4622, 17.4260, 2.6013



10.3273, 17.4260, 45.4371



27.9033, 17.4260, 28.5929

Complementary

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



14.4622, 17.4260, 2.6013



3.3906, 1.3564, 17.8535

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.



24.2270, 17.4260, 48.1736



14.4622, 17.4260, 2.6013



13.8188, 17.4260, 60.8540

Square

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



14.4622, 17.4260, 2.6013



8.6807, 17.4260, 25.9848



18.8577, 17.4260, 62.0552



28.1755, 17.4260, 13.3533

Rectangle

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



14.4622, 17.4260, 2.6013



9.2386, 17.4260, 8.7744



18.8577, 17.4260, 62.0552



26.9946, 17.4260, 35.0238

Sweetspot

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



14.4626, 17.4268, 2.6017



28.1903, 31.7508, 19.0783



7.7463, 3.9935, 0.3627



6.6167, 7.4990, 4.1837



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.



14.4626, 17.4268, 2.6017



25.4355, 30.6488, 4.5752



8.5807, 14.3946, 2.3264



4.3077, 4.6339, 4.2919



15.7769, 19.0105, 2.8379



75.2571, 90.6819, 13.5369

Inverse Universe

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



3.3906, 1.3564, 17.8535



5.9628, 2.3851, 31.3992



5.2542, 2.3171, 17.9407



3.7976, 3.8936, 4.9946



3.6985, 1.4794, 19.4759



17.6422, 7.0569, 92.9021

Previews

White Background



This preview shows how the XYZ color 14.4622, 17.4260, 2.6013 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 14.4622, 17.4260, 2.6013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

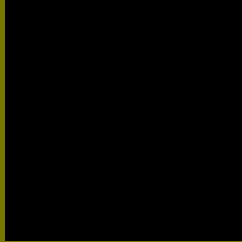
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4622, 17.4260, 2.6013

Background



This preview shows how black text looks on a background with the XYZ color 14.4622, 17.4260, 2.6013.

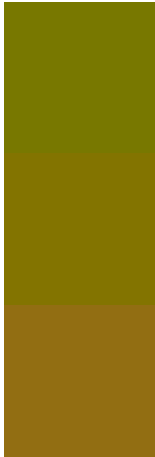


This preview shows how white text looks on a background with the XYZ color 14.4622, 17.4260,

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

14.4622, 17.4260, 2.6013

Protanopia

15.6055, 17.3161, 2.5198

Deuteranopia

17.5392, 17.3065, 2.9883



Tritanopia

18.0864, 17.5336, 20.2004

Trichromacy



Original Color

14.4622, 17.4260, 2.6013

Protanomaly

15.1137, 17.2346, 2.5300

Deuteranomaly

16.3942, 17.3772, 2.8067

Tritanomaly

15.8927, 17.1432, 9.3088

Monochromacy



Original Color

14.4622, 17.4260, 2.6013

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 14.4622, 17.4260, 2.6013 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, 120, 0)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 14.4622, 17.4260, 2.6013 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, 120, 0) }
```


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

```
.border{ border-color:rgb(120, 120, 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, 120, 0) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 14.4622, 17.4260, 2.6013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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