

Converting Colors

XYZ(14.8554, 16.8891, 2.7827)

Have a look what the booklet for
XYZ(14.8554, 16.8891, 2.7827)
contains.

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Color

**XYZ(14.9100, 16.9506,
2.8026)**

Conversions

Conversions Part 1

Format	Color
Hex	7E740B
RGB	126, 116, 11
RGB Percent	49%, 45%, 4%
CMY	0.5059, 0.5451, 0.9568
CMYK	0.00, 0.08, 0.91, 0.51
HSL	55°, 84%, 27%
HSV	55°, 91%, 49%
XYZ	14.9100, 16.9506, 2.8026
YIQ	107.0200, 39.6650, -30.5350

Conversions

Conversions Part 2

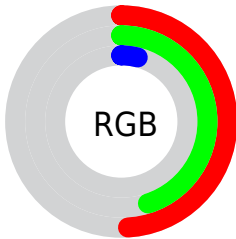
Format	Color
R_{YB}	22, 126, 11
Decimal	8287243
CIE Lab	48.20, -7.05, 51.63
CIE LCh	48, 52.114, 97.780
Yxy	16.9506, 0.4301, 0.4890
Android (android.graphics.Color)	4286477323 (0xFF7E740B)
YUV	107.0200, -47.3379, 16.6455
Hunter-Lab	41.1711, -7.4062, 24.7838

Details

The XYZ color **14.9100, 16.9506, 2.8026** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.1722, 2.1140, 19.9266**, and the grayscale version is **14.1008, 14.8351, 16.1555**.

A 20% lighter version of the original color is **34.3682, 38.3800, 11.2269**, and **4.8148, 5.5507, 0.8176** is the 20% darker color. If you saturate the color by 10%, you get **14.7402, 16.7077, 2.4480**, and if you desaturate by 10%, it is **15.1378, 17.2456, 3.3738**.

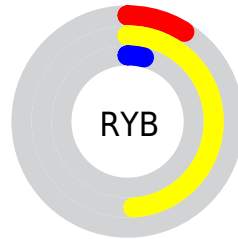
Distribution



Red (49%)

Green (45%)

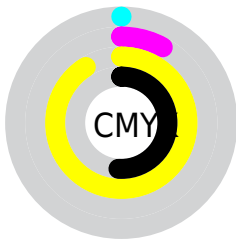
Blue (4%)



Red (9%)

Yellow (49%)

Blue (4%)

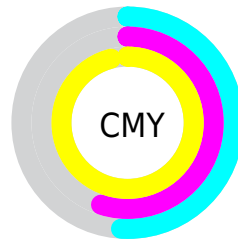


Cyan (0%)

Magenta (8%)

Yellow (91%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9100, 16.9506, 2.8026 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 14.9100, 16.9506, 2.8026 by changing the saturation by 10% instead.

■ 14.9100, 16.9506,
2.8026

■ 14.9100, 16.9506,
2.8026

216.2200,
234.8875, 133.8053

■ 8.8421, 10.1993,
0.9947

■ 34.2682, 38.2408,
11.1373

■ 4.6946, 5.5313,
0.0000

■ 48.2892, 53.5485,
18.5013

■ 2.1021, 2.5622,
0.0000

■ 65.6920, 72.4771,
28.5544

■ 0.6904, 0.9077,
0.0000


■ 86.8419, 95.4110,
41.7151


■ 0.0000, 0.0000,
0.0000


■ 112.1043,
122.7346, 58.4020


■ 141.8446,


154.8323, 79.0337


 176.4280,
192.0885, 104.0286


 14.9100, 16.9506,
2.8026


 14.9100, 16.9506,
2.8026


 14.7402, 16.7077,
2.4480

 15.1378, 17.2456,
3.3738

 15.4271, 17.5669,
4.2634

 15.7858, 17.9184,
5.5111

 16.2203, 18.3026,
7.1506

 16.7363, 18.7218,
9.2115

■ 17.3388, 19.1781,
11.7209

■ 18.0326, 19.6733,
14.7034

■ 18.8220, 20.2092,
18.1819

■ 19.7111, 20.7874,
22.1777

Harmonies

Analogous

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



19.8044, 16.9506, 3.3136



14.9100, 16.9506, 2.8026



11.1532, 16.9506, 4.5683

Triad

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



14.9100, 16.9506, 2.8026



9.9343, 16.9506, 39.4767



26.0922, 16.9506, 30.1744

Complementary

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



14.9100, 16.9506, 2.8026



4.1722, 2.1140, 19.9266

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.



22.3557, 16.9506, 47.6794



14.9100, 16.9506, 2.8026



12.9081, 16.9506, 54.6367

Square

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



14.9100, 16.9506, 2.8026



8.6704, 16.9506, 22.2149



17.3749, 16.9506, 58.2085



26.9175, 16.9506, 15.1476

Rectangle

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



14.9100, 16.9506, 2.8026



9.5720, 16.9506, 7.7541



17.3749, 16.9506, 58.2085



25.1041, 16.9506, 36.1370

Sweetspot

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



14.9104, 16.9514, 2.8029



30.9450, 34.0665, 22.4401



8.8736, 4.7350, 1.2312



6.9662, 7.6962, 4.7944



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.9104, 16.9514, 2.8029



25.8949, 29.3069, 4.2920



10.8298, 16.6514, 2.9601



4.6344, 4.9575, 4.6328



15.1206, 17.1376, 2.5110



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.1722, 2.1140, 19.9266



6.7884, 2.9706, 34.9600



5.5732, 2.6159, 19.9497



4.1366, 4.2672, 5.4189



3.9841, 1.7866, 20.3848



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9100, 16.9506, 2.8026 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 14.9100, 16.9506, 2.8026 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 14.9100, 16.9506, 2.8026

Background



This preview shows how black text looks on a background with the XYZ color 14.9100, 16.9506, 2.8026.



This preview shows how white text looks on a background with the XYZ color 14.9100, 16.9506,

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

14.9100, 16.9506, 2.8026

Protanopia

15.2444, 16.9528, 2.7854

Deuteranopia

17.2632, 17.0040, 2.9883



Tritanopia

18.1878, 16.9726, 18.8404

Trichromacy



Original Color

14.9100, 16.9506, 2.8026

Protanomaly

15.0932, 16.8748, 2.7783

Deuteranomaly

16.3689, 17.0290, 2.9144

Tritanomaly

16.2655, 16.6648, 9.5671

Monochromacy



Original Color

14.9100, 16.9506, 2.8026

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.6851, 15.1971, 8.3430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9100, 16.9506, 2.8026 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(126, 116, 11)` looks like.

```
.text, #text, p{  
    color:rgb(126, 116, 11)  
}
```

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(126, 116, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 116, 11) }
```

Border

The CSS property to change the border of an element to XYZ 14.9100, 16.9506, 2.8026 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(126, 116, 11) }
```


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

```
.border{ border-color:rgb(126, 116, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 116, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 116, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 116, 11);  
box-shadow:4px 4px 4px 4px rgb(126, 116,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9100, 16.9506, 2.8026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 116, 11) }
```

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

```
.background{ background-color: rgb(126,  
116, 11) }
```

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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