

Converting Colors

XYZ(8.8426, 14.7067, 2.6462)

Have a look what the booklet for
XYZ(8.8426, 14.7067, 2.6462)
contains.

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Color

**XYZ(8.8166, 14.6888,
2.6577)**

Conversions

Conversions Part 1

Format	Color
Hex	3D790A
RGB	61, 121, 10
RGB Percent	24%, 47%, 4%
CMY	0.7608, 0.5255, 0.9608
CMYK	0.50, 0.00, 0.92, 0.53
HSL	92°, 85%, 26%
HSV	92°, 92%, 47%
XYZ	8.8166, 14.6888, 2.6577
YIQ	90.4060, -0.1290, -47.2410

Conversions

Conversions Part 2

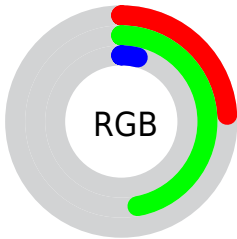
Format	Color
RYB	10, 121, 70
Decimal	4028682
CIELab	45.20, -37.48, 47.51
CIELCh	45, 60.512, 128.267
Yxy	14.6888, 0.3370, 0.5614
Android (android.graphics.Color)	4282218762 (0xFF3D790A)
YUV	90.4060, -39.6402, -25.7891
Hunter-Lab	38.3260, -26.0079, 22.7167

Details

The XYZ color **8.8166, 14.6888, 2.6577** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6.0866, 2.9003, 18.3291**, and the grayscale version is **9.8966, 10.4120, 11.3387**.

A 20% lighter version of the original color is **23.2194, 34.3222, 10.7112**, and **2.2532, 4.5065, 0.7511** is the 20% darker color. If you saturate the color by 10%, you get **8.4457, 14.5044, 2.3545**, and if you desaturate by 10%, it is **9.3355, 14.9463, 3.1574**.

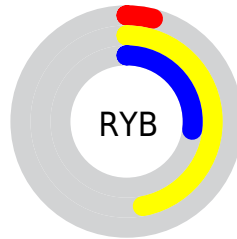
Distribution



Red (24%)

Green (47%)

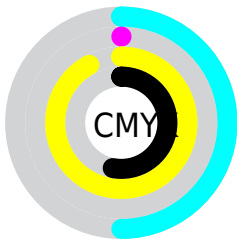
Blue (4%)



Red (4%)

Yellow (47%)

Blue (27%)

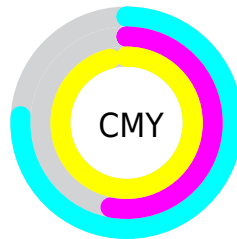


Cyan (50%)

Magenta (0%)

Yellow (92%)

Black (53%)



Cyan (76%)


Magenta (53%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.8166, 14.6888, 2.6577 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 8.8166, 14.6888, 2.6577 by changing the saturation by 10% instead.


 8.8166, 14.6888,
2.6577


 8.8166, 14.6888,
2.6577


176.2400,
221.4748, 131.8739


 4.6779, 8.6013,
0.9220


 23.2148, 34.3063,
10.7714

 2.0923, 4.4820,
0.0000

 34.2051, 48.6051,
17.9872


 0.6850, 1.9467,
0.0000


 48.2099, 66.4097,
27.8669

 0.0000, 0.5762,
0.0000


 65.5947, 88.1046,
40.8291


 0.0000, 0.0000,
0.0000


 86.7247, 114.0742,
57.2924


 111.9653,


144.7028, 77.6752


 141.6820,
180.3749, 102.3962


 8.8166, 14.6888,
2.6577

 8.8166, 14.6888,
2.6577


 8.4457, 14.5044,
2.3545

 9.3355, 14.9463,
3.1574

 9.9598, 15.2512,
3.9480

 10.6981, 15.6079,
5.0655

 11.5577, 16.0193,
6.5406

 12.5453, 16.4883,
8.4003

■ 13.6669, 17.0174,
10.6691

■ 14.9281, 17.6091,
13.3695

■ 16.3342, 18.2656,
16.5223

■ 17.8900, 18.9891,
20.1469

Harmonies

Analogous

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



12.6250, 14.6888, 1.2941



8.8166, 14.6888, 2.6577



6.8035, 14.6888, 7.8158

Triad

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



8.8166, 14.6888, 2.6577



10.6975, 14.6888, 57.5830



25.7898, 14.6888, 12.3548

Complementary

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



8.8166, 14.6888, 2.6577



6.0866, 2.9003, 18.3291

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.



24.9219, 14.6888, 28.4979



8.8166, 14.6888, 2.6577



15.3886, 14.6888, 61.5954

Square

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



8.8166, 14.6888, 2.6577



7.6953, 14.6888, 39.8015



20.7964, 14.6888, 48.7810



22.9440, 14.6888, 4.2889

Rectangle

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



8.8166, 14.6888, 2.6577



6.3920, 14.6888, 15.1758



20.7964, 14.6888, 48.7810



25.9337, 14.6888, 16.8403

Sweetspot

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



8.8169, 14.6894, 2.6580



25.1301, 30.7811, 20.4864



10.0811, 8.3686, 1.3713



5.5717, 6.9562, 4.3183



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.



8.8169, 14.6894, 2.6580



14.9637, 25.8899, 4.2086



7.0403, 13.7709, 2.6921



4.1096, 4.5318, 4.2826



9.0376, 15.5363, 2.5225



42.1511, 73.6151, 11.9875

Inverse Universe

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



6.0866, 2.9003, 18.3291



9.9692, 4.4254, 32.7216



11.2229, 5.5739, 17.4075



3.9853, 3.9903, 5.0033



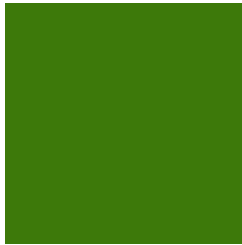
6.0510, 2.6921, 19.5860



27.8727, 12.3309, 93.3808

Previews

White Background



This preview shows how the XYZ color 8.8166, 14.6888, 2.6577 looks on a white background.

Color Contrast Check

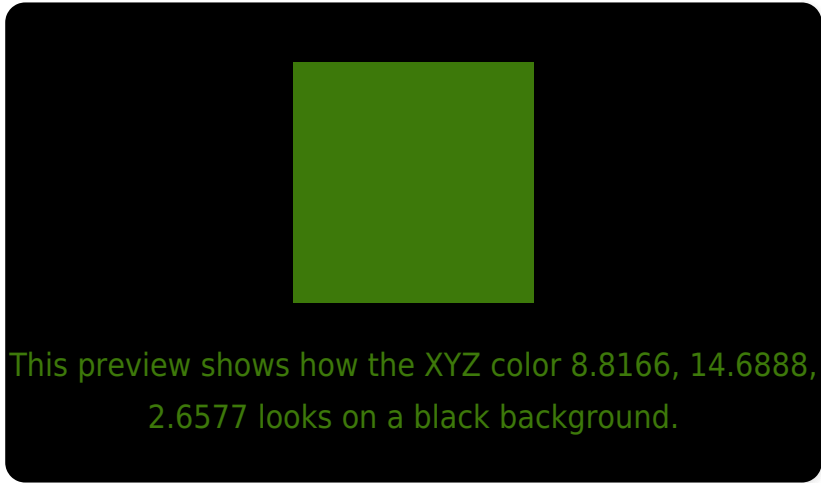
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 8.8166, 14.6888, 2.6577

Background



This preview shows how black text looks on a background with the XYZ color 8.8166, 14.6888, 2.6577.



This preview shows how white text looks on a background with the XYZ color 8.8166, 14.6888,

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

8.8166, 14.6888, 2.6577

Protanopia

13.0034, 14.5085, 2.1151

Deuteranopia

14.6716, 14.4503, 2.9932



Tritanopia

12.3676, 14.5713, 20.5730

Trichromacy



Original Color

8.8166, 14.6888, 2.6577

Protanomaly

10.9617, 14.2498, 2.2876

Deuteranomaly

11.5522, 13.9014, 2.7362

Tritanomaly

10.2145, 14.1951, 9.9862

Monochromacy



Original Color

8.8166, 14.6888, 2.6577

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

8.7204, 11.3065, 6.1376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.8166, 14.6888, 2.6577 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(61, 121, 10)` looks like.

```
.text, #text, p{  
    color:rgb(61, 121, 10)  
}
```

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(61, 121, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 121, 10) }
```

Border

The CSS property to change the border of an element to XYZ 8.8166, 14.6888, 2.6577 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(61, 121, 10) }
```


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

```
.border{ border-color:rgb(61, 121, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 121, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 121, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 121, 10);  
box-shadow:4px 4px 4px 4px rgb(61, 121,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 8.8166, 14.6888, 2.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 121, 10) }
```

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

```
.background{ background-color: rgb(61, 121,  
10) }
```

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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