

Converting Colors

XYZ(14.5196, 15.2827, 9.5817)

Have a look what the booklet for
XYZ(14.5196, 15.2827, 9.5817)
contains.

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Color

**XYZ(14.5196, 15.2827,
9.5817)**

Conversions

Conversions Part 1

Format	Color
Hex	786C4F
RGB	120, 108, 79
RGB Percent	47%, 42%, 31%
CMY	0.5294, 0.5765, 0.6902
CMYK	0.00, 0.10, 0.34, 0.53
HSL	42°, 21%, 39%
HSV	42°, 34%, 47%
XYZ	14.5196, 15.2827, 9.5817
YIQ	108.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

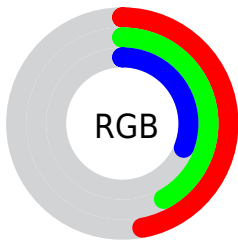
Format	Color
RYB	96, 120, 79
Decimal	7892047
CIELab	46.02, -0.04, 17.97
CIELCh	46, 17.970, 90.120
Yxy	15.2827, 0.3687, 0.3880
Android (android.graphics.Color)	4286082127 (0xFF786C4F)
YUV	108.2820, -14.4360, 10.2767
Hunter-Lab	39.0931, -2.1161, 12.8332

Details

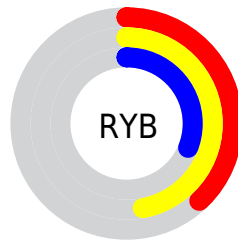
The XYZ color **14.5196, 15.2827, 9.5817** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3557, 10.5003, 19.2504**, and the grayscale version is **14.3695, 15.1178, 16.4633**.

A 20% lighter version of the original color is **33.5280, 35.2390, 25.4568**, and **4.5560, 4.7926, 2.1983** is the 20% darker color. If you saturate the color by 10%, you get **13.7589, 14.3983, 7.3643**, and if you desaturate by 10%, it is **15.3749, 16.2299, 12.2201**.

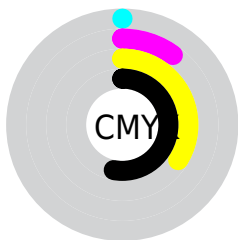
Distribution



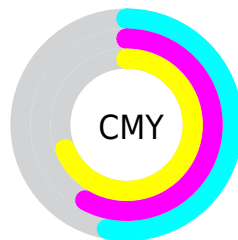
- Red (47%)
- Green (42%)
- Blue (31%)



- Red (38%)
- Yellow (47%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5196, 15.2827, 9.5817 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 14.5196, 15.2827, 9.5817 by changing the saturation by 10% instead.

■ 14.5196, 15.2827,
9.5817

■ 14.5196, 15.2827,
9.5817

213.8863,
225.0710, 198.0351

■ 8.5670, 9.0180,
5.0205

■ 33.5868, 35.3484,
25.6011

■ 4.5147, 4.7529,
2.2004

■ 47.4322, 49.9181,
37.8964

■ 1.9972, 2.1030,
0.6746

■ 64.6392, 68.0251,
53.6069

■ 0.6324, 0.6663,
0.0000

■ 85.5732, 90.0536,
73.1510

■ 0.0000, 0.0000,
0.0000

■ 110.5995,
116.3880, 96.9473

140.0836,

147.4128, 125.4144

174.3907,
183.5123, 158.9708

■ 14.5196, 15.2827,
9.5817

■ 14.5196, 15.2827,
9.5817

■ 13.7589, 14.3983,
7.3643

■ 15.3749, 16.2299,
12.2201

■ 13.0871, 13.5724,
5.5445

■ 16.3277, 17.2398,
15.2993

■ 12.5000, 12.8038,
4.0981

■ 17.3823, 18.3148,
18.8389

■ 11.9920, 12.0898,
2.9979

■ 18.5422, 19.4565,
22.8573

■ 11.5572, 11.4279,
2.2128

■ 19.8108, 20.6667,
27.3715

■ 11.1870, 10.8142,
1.6988

■ 21.1915, 21.9470,
32.3979

■ 10.9853, 10.4721,
1.4423

■ 22.6873, 23.2987,
37.9522

■ 24.3013, 24.7233,
44.0493

■ 26.0362, 26.2223,
50.7036

Harmonies

Analogous

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



16.0345, 15.2827, 10.3745



14.5196, 15.2827, 9.5817



13.1048, 15.2827, 10.3873

Triad

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



14.5196, 15.2827, 9.5817



12.1364, 15.2827, 21.2153



17.2167, 15.2827, 21.1794

Complementary

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



14.5196, 15.2827, 9.5817



10.3557, 10.5003, 19.2504

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.



16.0459, 15.2827, 25.0029



14.5196, 15.2827, 9.5817



13.1147, 15.2827, 25.0261

Square

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



14.5196, 15.2827, 9.5817



11.7889, 15.2827, 16.6579



14.5319, 15.2827, 26.5186



17.6564, 15.2827, 16.6227

Rectangle

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



14.5196, 15.2827, 9.5817



12.3917, 15.2827, 11.8199



14.5319, 15.2827, 26.5186



16.8917, 15.2827, 22.6199

Sweetspot

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



14.5200, 15.2834, 9.5820



29.4230, 31.0491, 29.2513



12.4432, 10.3457, 11.3068



6.9238, 7.3079, 6.7681



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.



14.5200, 15.2834, 9.5820



24.4750, 25.6514, 13.7348



14.7846, 17.4292, 9.9823



4.2134, 4.4452, 4.2604



11.9717, 11.3994, 1.5693



56.3437, 52.8508, 7.2316

Inverse Universe

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



10.3557, 10.5003, 19.2504



15.9770, 15.8951, 33.4791



10.1355, 8.9841, 18.9693



3.8844, 4.0671, 5.0235



4.3465, 2.7755, 19.6919



20.0824, 11.9374, 93.7155

Previews

White Background



This preview shows how the XYZ color 14.5196, 15.2827, 9.5817 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 14.5196, 15.2827, 9.5817 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 14.5196, 15.2827, 9.5817

Background



This preview shows how black text looks on a background with the XYZ color 14.5196, 15.2827, 9.5817.



This preview shows how white text looks on a background with the XYZ color 14.5196, 15.2827,

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

14.5196, 15.2827, 9.5817

Protanopia

14.2160, 15.2837, 9.5979

Deuteranopia

15.4515, 15.1469, 9.6987



Tritanopia

16.1871, 15.3556, 17.4400

Trichromacy



Original Color

14.5196, 15.2827, 9.5817

Protanomaly

14.3511, 15.3533, 9.6042

Deuteranomaly

15.1037, 15.1180, 9.7114

Tritanomaly

15.5202, 15.2342, 14.1791

Monochromacy



Original Color

14.5196, 15.2827, 9.5817

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2023, 15.0329, 13.4624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5196, 15.2827, 9.5817 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, 108, 79)` looks like.

```
.text, #text, p{  
    color:rgb(120, 108, 79)  
}
```

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, 108, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 108, 79) }
```

Border

The CSS property to change the border of an element to XYZ 14.5196, 15.2827, 9.5817 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, 108, 79) }
```


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

```
.border{ border-color:rgb(120, 108, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 108, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 108, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 108, 79);  
box-shadow:4px 4px 4px 4px rgb(120, 108,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5196, 15.2827, 9.5817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 108, 79) }
```

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

```
.background{ background-color: rgb(120,  
108, 79) }
```

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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