

Converting Colors

XYZ(14.5170, 16.1631, 8.1529)

Have a look what the booklet for
XYZ(14.5170, 16.1631, 8.1529)
contains.

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Color

**XYZ(14.4818, 16.1040,
8.1395)**

Conversions

Conversions Part 1

Format	Color
Hex	767146
RGB	118, 113, 70
RGB Percent	46%, 44%, 27%
CMY	0.5373, 0.5568, 0.7255
CMYK	0.00, 0.04, 0.41, 0.54
HSL	54°, 26%, 37%
HSV	54°, 41%, 46%
XYZ	14.4818, 16.1040, 8.1395
YIQ	109.5930, 16.7830, -12.3130

Conversions

Conversions Part 2

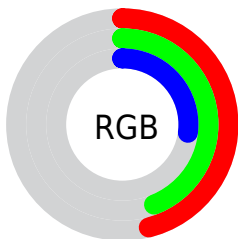
Format	Color
R_{YB}	76, 118, 70
Decimal	7762246
CIE Lab	47.11, -4.98, 24.56
CIE LCh	47, 25.059, 101.452
Yxy	16.1040, 0.3740, 0.4159
Android (android.graphics.Color)	4285952326 (0xFF767146)
YUV	109.5930, -19.5193, 7.3729
Hunter-Lab	40.1298, -5.8111, 16.0651

Details

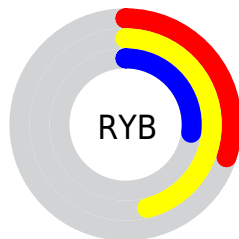
The XYZ color **14.4818, 16.1040, 8.1395** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.3118, 7.6420, 18.1764**, and the grayscale version is **14.7555, 15.5239, 16.9056**.

A 20% lighter version of the original color is **33.5795, 36.9001, 22.8054**, and **4.4497, 5.0797, 1.6657** is the 20% darker color. If you saturate the color by 10%, you get **14.0094, 15.6978, 6.3215**, and if you desaturate by 10%, it is **15.0301, 16.5447, 10.3444**.

Distribution



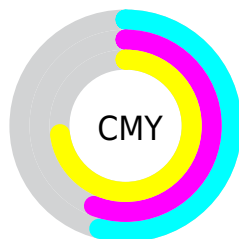
- Red (46%)
- Green (44%)
- Blue (27%)



- Red (30%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (4%)
- Yellow (41%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4818, 16.1040, 8.1395 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 14.4818, 16.1040, 8.1395 by changing the saturation by 10% instead.

■ 14.4818, 16.1040,
8.1395

■ 14.4818, 16.1040,
8.1395

213.6590,
229.9546, 186.7974

■ 8.5405, 9.5978,
4.0953

■ 33.5207, 36.7787,
22.7821

■ 4.4974, 5.1331,
1.6778

■ 47.3489, 51.7159,
34.2176

■ 1.9872, 2.3256,
0.3454

■ 64.5368, 70.2322,
48.9540

■ 0.6267, 0.7872,
0.0000

■ 85.4498, 92.7121,
67.4097

■ 0.0000, 0.0000,
0.0000

■ 110.4531,
119.5399, 90.0034

139.9122,

151.1000, 117.1536

174.1924,
187.7767, 149.2787

■ 14.4818, 16.1040,
8.1395

■ 14.4818, 16.1040,
8.1395

■ 14.0094, 15.6978,
6.3215

■ 15.0301, 16.5447,
10.3444

■ 13.6074, 15.3222,
4.8668

■ 15.6570, 17.0192,
12.9560

■ 13.2713, 14.9759,
3.7504

■ 16.3667, 17.5298,
15.9940

■ 12.9959, 14.6567,
2.9443

■ 17.1625, 18.0778,
19.4766

■ 12.7749, 14.3623,
2.4156

■ 18.0478, 18.6647,
23.4208

■ 12.5960, 14.1013,
2.0579

■ 19.0255, 19.2916,
27.8427

■ 20.0987, 19.9597,
32.7579

■ 21.2702, 20.6701,
38.1809

■ 22.5425, 21.4239,
44.1259

Harmonies

Analogous

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



16.6918, 16.1040, 8.3744



14.4818, 16.1040, 8.1395



12.6734, 16.1040, 9.9316

Triad

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



14.4818, 16.1040, 8.1395



12.3498, 16.1040, 26.8390



19.6771, 16.1040, 21.6774

Complementary

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



14.4818, 16.1040, 8.1395



8.3118, 7.6420, 18.1764

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.



18.2808, 16.1040, 28.2721



14.4818, 16.1040, 8.1395



13.9998, 16.1040, 31.7099

Square

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



14.4818, 16.1040, 8.1395



11.5236, 16.1040, 20.0514



16.1617, 16.1040, 32.2895



19.8378, 16.1040, 15.2376

Rectangle

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



14.4818, 16.1040, 8.1395



11.8832, 16.1040, 12.3588



16.1617, 16.1040, 32.2895



19.3309, 16.1040, 23.9846

Sweetspot

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



14.4822, 16.1047, 8.1398



28.5656, 30.6733, 27.2040



10.9521, 8.7483, 7.8764



6.5398, 7.0325, 6.1346



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.4822, 16.1047, 8.1398



24.6685, 27.6336, 11.2470



12.7954, 16.0856, 8.2250



3.9357, 4.2043, 3.9464



13.6220, 15.2452, 2.2247



66.0138, 73.5561, 10.7185

Inverse Universe

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



8.3118, 7.6420, 18.1764



12.2087, 10.5500, 31.5299



9.5228, 7.7828, 18.1397



3.5285, 3.6456, 4.6079



3.6783, 1.6964, 18.6761



17.6093, 7.6352, 90.9059

Previews

White Background



This preview shows how the XYZ color 14.4818, 16.1040, 8.1395 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 14.4818, 16.1040, 8.1395 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 14.4818, 16.1040, 8.1395

Background



This preview shows how black text looks on a background with the XYZ color 14.4818, 16.1040, 8.1395.



This preview shows how white text looks on a background with the XYZ color 14.4818, 16.1040,

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

14.4818, 16.1040, 8.1395

Protanopia

14.9257, 16.1681, 8.1284

Deuteranopia

16.3867, 16.1212, 8.2093



Tritanopia

16.5785, 15.9873, 18.7351

Trichromacy



Original Color

14.4818, 16.1040, 8.1395

Protanomaly

14.7848, 16.0955, 8.1218

Deuteranomaly

15.6592, 16.0593, 8.2357

Tritanomaly

15.6059, 15.9031, 14.0515

Monochromacy



Original Color

14.4818, 16.1040, 8.1395

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5600, 15.7058, 13.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4818, 16.1040, 8.1395 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(118, 113, 70)` looks like.

```
.text, #text, p{  
    color:rgb(118, 113, 70)  
}
```

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(118, 113, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 113, 70) }
```

Border

The CSS property to change the border of an element to XYZ 14.4818, 16.1040, 8.1395 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(118, 113, 70) }
```


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

```
.border{ border-color:rgb(118, 113, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 113, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 113, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 113, 70);  
box-shadow:4px 4px 4px 4px rgb(118, 113,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4818, 16.1040, 8.1395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 113, 70) }
```

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

```
.background{ background-color: rgb(118,  
113, 70) }
```

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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