

Converting Colors

XYZ(14.7567, 16.0082, 8.2016)

Have a look what the booklet for
XYZ(14.7567, 16.0082, 8.2016)
contains.

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Color

**XYZ(14.8167, 16.1082,
8.2895)**

Conversions

Conversions Part 1

Format	Color
Hex	797047
RGB	121, 112, 71
RGB Percent	47%, 44%, 28%
CMY	0.5255, 0.5608, 0.7216
CMYK	0.00, 0.07, 0.41, 0.53
HSL	49°, 26%, 38%
HSV	49°, 41%, 47%
XYZ	14.8167, 16.1082, 8.2895
YIQ	110.0170, 18.5250, -10.8430

Conversions

Conversions Part 2

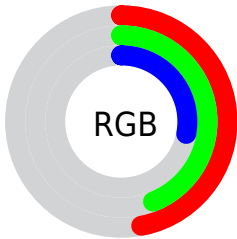
Format	Color
R_{YB}	82, 121, 71
Decimal	7958599
CIE Lab	47.12, -2.96, 24.06
CIE LCh	47, 24.236, 97.006
Yxy	16.1082, 0.3778, 0.4108
Android (android.graphics.Color)	4286148679 (0xFF797047)
YUV	110.0170, -19.2354, 9.6321
Hunter-Lab	40.1350, -4.3392, 15.8487

Details

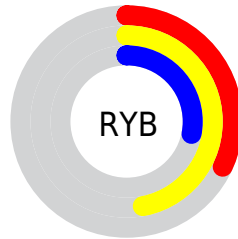
The XYZ color **14.8167, 16.1082, 8.2895** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.9184, 8.4573, 19.2517**, and the grayscale version is **14.8760, 15.6507, 17.0436**.

A 20% lighter version of the original color is **34.1212, 36.9057, 23.0944**, and **4.6184, 5.0810, 1.7146** is the 20% darker color. If you saturate the color by 10%, you get **14.2292, 15.4940, 6.3649**, and if you desaturate by 10%, it is **15.4882, 16.7665, 10.6241**.

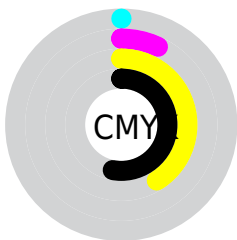
Distribution



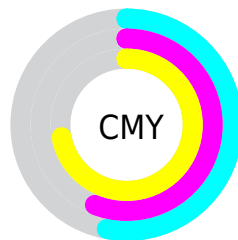
- Red (47%)
- Green (44%)
- Blue (28%)



- Red (32%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (7%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8167, 16.1082, 8.2895 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 14.8167, 16.1082, 8.2895 by changing the saturation by 10% instead.

■ 14.8167, 16.1082,
8.2895

■ 14.8167, 16.1082,
8.2895

215.6645,
229.9793, 188.0040

■ 8.7763, 9.6008,
4.1903

■ 34.1056, 36.7859,
23.0795

■ 4.6515, 5.1351,
1.7303

■ 48.0848, 51.7250,
34.6075

■ 2.0769, 2.3267,
0.3814

■ 65.4410, 70.2434,
49.4487

■ 0.6766, 0.7878,
0.0000

■ 86.5396, 92.7256,
68.0219

■ 0.0000, 0.0000,
0.0000

■ 111.7459,
119.5559, 90.7454

141.4252,

151.1186, 118.0379

175.9430,
187.7983, 150.3179

■ 14.8167, 16.1082,
8.2895

■ 14.8167, 16.1082,
8.2895

■ 14.2292, 15.4940,
6.3649

■ 15.4882, 16.7665,
10.6241

■ 13.7198, 14.9197,
4.8250

■ 16.2467, 17.4683,
13.3899

■ 13.2838, 14.3839,
3.6432

■ 17.0966, 18.2162,
16.6082

■ 12.9154, 13.8842,
2.7890

■ 18.0417, 19.0116,
20.2981

■ 12.6077, 13.4179,
2.2271

■ 19.0854, 19.8560,
24.4780

■ 12.3685, 13.0316,
1.8635

■ 20.2310, 20.7508,
29.1652

■ 21.4818, 21.6973,
34.3759

■ 22.8406, 22.6968,
40.1260

■ 24.3105, 23.7505,
46.4305

Harmonies

Analogous

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



16.9651, 16.1082, 8.8120



14.8167, 16.1082, 8.2895



12.9772, 16.1082, 9.7465

Triad

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



14.8167, 16.1082, 8.2895



12.2697, 16.1082, 25.5803



19.3944, 16.1082, 22.5268

Complementary

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



14.8167, 16.1082, 8.2895



8.9184, 8.4573, 19.2517

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.



17.9076, 16.1082, 28.6606



14.8167, 16.1082, 8.2895



13.7669, 16.1082, 30.6896

Square

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



14.8167, 16.1082, 8.2895



11.5976, 16.1082, 19.0075



15.8149, 16.1082, 31.9310



19.7414, 16.1082, 16.1483

Rectangle

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



14.8167, 16.1082, 8.2895



12.1285, 16.1082, 11.9002



15.8149, 16.1082, 31.9310



19.0051, 16.1082, 24.7259

Sweetspot

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



14.8171, 16.1089, 8.2898



30.4589, 32.4854, 29.1401



11.5927, 9.1533, 8.7777



6.9295, 7.3975, 6.5288



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.



14.8171, 16.1089, 8.2898



25.4876, 27.7531, 11.4202



13.8202, 17.1432, 8.5420



4.2493, 4.5171, 4.2724



13.2474, 13.9506, 1.9945



62.6260, 65.4155, 9.3257

Inverse Universe

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



8.9184, 8.4573, 19.2517



13.3473, 12.0136, 34.0083



9.6196, 7.9054, 19.1082



3.8506, 3.9995, 5.0122



3.9947, 2.0719, 19.5747



18.5969, 8.9665, 93.2203

Previews

White Background



This preview shows how the XYZ color 14.8167, 16.1082, 8.2895 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 14.8167, 16.1082, 8.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

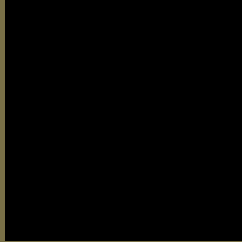
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8167, 16.1082, 8.2895

Background



This preview shows how black text looks on a background with the XYZ color 14.8167, 16.1082, 8.2895.



This preview shows how white text looks on a background with the XYZ color 14.8167, 16.1082,

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

14.8167, 16.1082, 8.2895

Protanopia

14.9575, 16.1808, 8.2961

Deuteranopia

16.4191, 16.1342, 8.3797



Tritanopia

16.9564, 16.1888, 18.4507

Trichromacy



Original Color

14.8167, 16.1082, 8.2895

Protanomaly

14.9575, 16.1808, 8.2961

Deuteranomaly

15.8443, 16.1510, 8.4133

Tritanomaly

16.0330, 16.1232, 14.0714

Monochromacy



Original Color

14.8167, 16.1082, 8.2895

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7352, 15.7908, 13.3376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8167, 16.1082, 8.2895 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(121, 112, 71)` looks like.

```
.text, #text, p{  
    color:rgb(121, 112, 71)  
}
```

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(121, 112, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 112, 71) }
```

Border

The CSS property to change the border of an element to XYZ 14.8167, 16.1082, 8.2895 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(121, 112, 71) }
```


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

```
.border{ border-color:rgb(121, 112, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 112, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 112, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 112, 71);  
box-shadow:4px 4px 4px 4px rgb(121, 112,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8167, 16.1082, 8.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 112, 71) }
```

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

```
.background{ background-color: rgb(121,  
112, 71) }
```

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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