

Converting Colors

XYZ(13.8871, 14.7168, 6.5379)

Have a look what the booklet for
XYZ(13.8871, 14.7168, 6.5379)
contains.

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Color

**XYZ(13.8815, 14.7099,
6.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	796A3D
RGB	121, 106, 61
RGB Percent	47%, 42%, 24%
CMY	0.5255, 0.5843, 0.7608
CMYK	0.00, 0.12, 0.50, 0.53
HSL	45°, 33%, 36%
HSV	45°, 50%, 47%
XYZ	13.8815, 14.7099, 6.5225
YIQ	105.3550, 23.3850, -10.8150

Conversions

Conversions Part 2

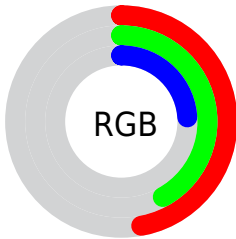
Format	Color
R _Y B	81, 121, 61
Decimal	7957053
CIE Lab	45.23, -0.63, 27.32
CIE LCh	45, 27.328, 91.320
Yxy	14.7099, 0.3953, 0.4189
Android (android.graphics.Color)	4286147133 (0xFF796A3D)
YUV	105.3550, -21.8670, 13.7207
Hunter-Lab	38.3535, -2.5131, 16.7644

Details

The XYZ color **13.8815, 14.7099, 6.5225** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.9600, 7.5412, 19.1253**, and the grayscale version is **13.5770, 14.2841, 15.5553**.

A 20% lighter version of the original color is **32.4965, 34.3320, 19.3820**, and **4.2560, 4.5049, 1.1354** is the 20% darker color. If you saturate the color by 10%, you get **13.2856, 13.9821, 4.8934**, and if you desaturate by 10%, it is **14.5627, 15.4905, 8.5433**.

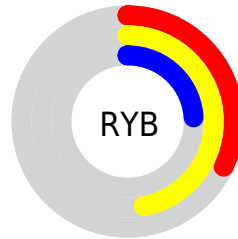
Distribution



Red (47%)

Green (42%)

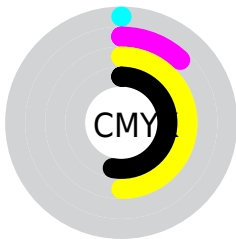
Blue (24%)



Red (32%)

Yellow (47%)

Blue (24%)

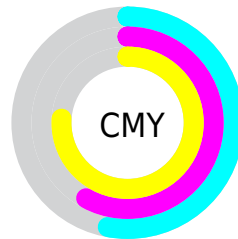


Cyan (0%)

Magenta (12%)

Yellow (50%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8815, 14.7099, 6.5225 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 13.8815, 14.7099, 6.5225 by changing the saturation by 10% instead.

■ 13.8815, 14.7099,
6.5225

■ 13.8815, 14.7099,
6.5225

210.0178,
221.6035, 173.1124

■ 8.1194, 8.6160,
3.0914

■ 32.4666, 34.3434,
19.5022

■ 4.2239, 4.4916,
1.1415

■ 46.0204, 48.6519,
29.8879

■ 1.8296, 1.9522,
0.0000

■ 62.9022, 66.4674,
43.4289

■ 0.5354, 0.5795,
0.0000

■ 83.4773, 88.1743,
60.5438

■ 0.0000, 0.0000,
0.0000

■ 108.1110,
114.1569, 81.6510

■ 137.1688,

144.7998, 107.1692

171.0159,
180.4872, 137.5168

■ 13.8815, 14.7099,
6.5225

■ 13.8815, 14.7099,
6.5225

■ 13.2856, 13.9821,
4.8934

■ 14.5627, 15.4905,
8.5433

■ 12.7688, 13.3028,
3.6286

■ 15.3328, 16.3238,
10.9790

■ 12.3256, 12.6703,
2.6989

■ 16.1964, 17.2126,
13.8517

■ 11.9496, 12.0816,
2.0696

■ 17.1575, 18.1584,
17.1821

■ 11.6188, 11.5279,
1.6271

■ 18.2198, 19.1630,
20.9892

■ 11.6054, 11.5054,
1.6091

■ 19.3869, 20.2280,
25.2912

■ 20.6622, 21.3548,
30.1053

■ 22.0487, 22.5449,
35.4476

■ 23.5496, 23.7997,
41.3338

Harmonies

Analogous

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



16.1708, 14.7099, 7.3953



13.8815, 14.7099, 6.5225



11.8432, 14.7099, 7.5678

Triad

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



13.8815, 14.7099, 6.5225



10.5898, 14.7099, 23.3908



18.1479, 14.7099, 22.7577

Complementary

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



13.8815, 14.7099, 6.5225



7.9600, 7.5412, 19.1253

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.



16.3625, 14.7099, 29.1643



13.8815, 14.7099, 6.5225



11.9990, 14.7099, 29.5937

Square

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



13.8815, 14.7099, 6.5225



10.0735, 14.7099, 16.3048



14.0816, 14.7099, 31.9461



18.7879, 14.7099, 15.7317

Rectangle

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



13.8815, 14.7099, 6.5225



10.8577, 14.7099, 9.4332



14.0816, 14.7099, 31.9461



17.6530, 14.7099, 25.1149

Sweetspot

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



13.8819, 14.7106, 6.5228



29.7064, 31.5237, 27.2143



10.8585, 7.9244, 7.7949



6.7272, 7.1433, 5.9981



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.



13.8819, 14.7106, 6.5228



23.6032, 24.7988, 8.2805



13.6236, 17.0759, 6.9930



4.2270, 4.4723, 4.2650



12.4278, 12.3116, 1.7214



58.5808, 57.3250, 7.9773

Inverse Universe

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



7.9600, 7.5412, 19.1253



11.6496, 10.3452, 33.7757



8.1006, 6.2546, 18.8695



3.8715, 4.0414, 5.0192



4.1945, 2.4715, 19.6413



19.4252, 10.6231, 93.4964

Previews

White Background



This preview shows how the XYZ color 13.8815, 14.7099, 6.5225 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 13.8815, 14.7099, 6.5225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

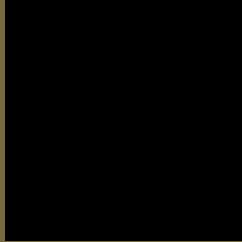
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8815, 14.7099, 6.5225

Background



This preview shows how black text looks on a background with the XYZ color 13.8815, 14.7099, 6.5225.



This preview shows how white text looks on a background with the XYZ color 13.8815, 14.7099,

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

13.8815, 14.7099, 6.5225

Protanopia

13.5712, 14.7039, 6.5377

Deuteranopia

14.8268, 14.5964, 6.5934



Tritanopia

15.8681, 14.6327, 16.1754

Trichromacy



Original Color

13.8815, 14.7099, 6.5225

Protanomaly

13.7077, 14.7743, 6.5441

Deuteranomaly

14.4721, 14.5603, 6.6051

Tritanomaly

14.9519, 14.5432, 11.9166

Monochromacy



Original Color

13.8815, 14.7099, 6.5225

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.4103, 14.2039, 11.4860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8815, 14.7099, 6.5225 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, 106, 61)` looks like.

```
.text, #text, p{  
    color:rgb(121, 106, 61)  
}
```

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, 106, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 106, 61) }
```

Border

The CSS property to change the border of an element to XYZ 13.8815, 14.7099, 6.5225 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, 106, 61) }
```


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

```
.border{ border-color:rgb(121, 106, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 106, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 106, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 106, 61);  
box-shadow:4px 4px 4px 4px rgb(121, 106,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8815, 14.7099, 6.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 106, 61) }
```

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

```
.background{ background-color: rgb(121,  
106, 61) }
```

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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