

Converting Colors

XYZ(14.4899, 14.0905, 6.9549)

Have a look what the booklet for
XYZ(14.4899, 14.0905, 6.9549)
contains.

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Color

**XYZ(14.5646, 14.1631,
6.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	816441
RGB	129, 100, 65
RGB Percent	51%, 39%, 25%
CMY	0.4941, 0.6078, 0.7451
CMYK	0.00, 0.22, 0.50, 0.49
HSL	33°, 33%, 38%
HSV	33°, 50%, 51%
XYZ	14.5646, 14.1631, 6.9671
YIQ	104.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

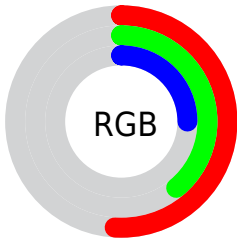
Format	Color
R_{YB}	118, 129, 65
Decimal	8479809
CIE Lab	44.47, 6.93, 24.26
CIE LCh	44, 25.228, 74.051
Yxy	14.1631, 0.4080, 0.3968
Android (android.graphics.Color)	4286669889 (0xFF816441)
YUV	104.6810, -19.5627, 21.3278
Hunter-Lab	37.6339, 3.2215, 15.3675

Details

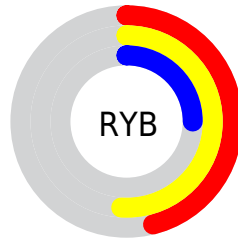
The XYZ color **14.5646, 14.1631, 6.9671** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.1450, 10.7139, 22.3023**, and the grayscale version is **13.3871, 14.0842, 15.3377**.

A 20% lighter version of the original color is **33.5757, 33.3928, 20.2986**, and **4.5503, 4.2201, 1.2842** is the 20% darker color. If you saturate the color by 10%, you get **13.6922, 12.9496, 5.0386**, and if you desaturate by 10%, it is **15.5633, 15.4926, 9.3592**.

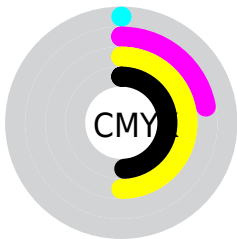
Distribution



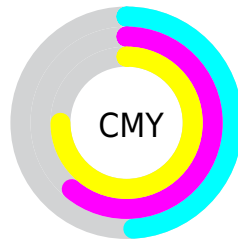
- Red (51%)
- Green (39%)
- Blue (25%)



- Red (46%)
- Yellow (51%)
- Blue (25%)



- Cyan (0%)
- Magenta (22%)
- Yellow (50%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5646, 14.1631, 6.9671 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 14.5646, 14.1631, 6.9671 by changing the saturation by 10% instead.

■ 14.5646, 14.1631,
6.9671

■ 14.5646, 14.1631,
6.9671

214.1566,
218.2431, 177.0106

■ 8.5987, 8.2342,
3.3634

■ 33.6655, 33.3781,
20.4187

■ 4.5354, 4.2452,
1.2830

■ 47.5312, 47.4331,
31.1037

■ 2.0092, 1.8116,
0.0478

■ 64.7609, 64.9655,
44.9863

■ 0.6391, 0.4944,
0.0000

■ 85.7199, 86.3597,
62.4849

■ 0.0000, 0.0000,
0.0000

■ 110.7737,
112.0002, 84.0181

■ 140.2874,

142.2713, 110.0044

174.6266,
177.5575, 140.8624

■ 14.5646, 14.1631,
6.9671

■ 14.5646, 14.1631,
6.9671

■ 13.6922, 12.9496,
5.0386

■ 15.5633, 15.4926,
9.3592

■ 12.9384, 11.8460,
3.5415

■ 16.6934, 16.9397,
12.2424

■ 12.2959, 10.8486,
2.4409

■ 17.9609, 18.5088,
15.6431

■ 11.7562, 9.9526,
1.6959

■ 19.3713, 20.2031,
19.5855

■ 11.2953, 9.1467,
1.1845

■ 20.9294, 22.0259,
24.0922

■ 11.2782, 9.1169,
1.1653

■ 22.6400, 23.9802,
29.1847

■ 24.5076, 26.0690,
34.8832

■ 26.5366, 28.2951,
41.2070

■ 28.7311, 30.6613,
48.1744

Harmonies

Analogous

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



16.4712, 14.1631, 8.8733



14.5646, 14.1631, 6.9671



12.5347, 14.1631, 6.9107

Triad

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



14.5646, 14.1631, 6.9671



10.0144, 14.1631, 18.3021



16.3666, 14.1631, 24.9483

Complementary

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



14.5646, 14.1631, 6.9671



10.1450, 10.7139, 22.3023

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.



14.4331, 14.1631, 29.0308



14.5646, 14.1631, 6.9671



10.8429, 14.1631, 24.5886

Square

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



14.5646, 14.1631, 6.9671



10.0419, 14.1631, 12.5449



12.4157, 14.1631, 28.8846



17.5809, 14.1631, 18.7067

Rectangle

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



14.5646, 14.1631, 6.9671



11.3893, 14.1631, 7.8808



12.4157, 14.1631, 28.8846



15.7712, 14.1631, 26.6813

Sweetspot

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



14.5649, 14.1638, 6.9674



33.2081, 34.4099, 30.9000



13.0032, 9.2717, 11.8991



7.4179, 7.6695, 6.7201



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.5649, 14.1638, 6.9674



24.2621, 22.8208, 8.4868



17.5371, 20.5841, 8.0500



4.5074, 4.7035, 4.5904



11.0005, 8.8974, 1.1376



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.1450, 10.7139, 22.3023



15.3458, 15.8694, 39.4468



8.1768, 6.5637, 21.6049



4.2568, 4.5076, 5.4590



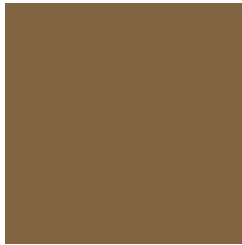
5.3648, 4.5482, 20.8451



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5646, 14.1631, 6.9671 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 14.5646, 14.1631, 6.9671 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 14.5646, 14.1631, 6.9671

Background



This preview shows how black text looks on a background with the XYZ color 14.5646, 14.1631, 6.9671.



This preview shows how white text looks on a background with the XYZ color 14.5646, 14.1631,

6.9671.

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

14.5646, 14.1631, 6.9671

Protanopia

13.1349, 14.1532, 7.3498

Deuteranopia

14.5099, 14.2782, 6.9922



Tritanopia

16.0561, 14.0692, 14.7013

Trichromacy



Original Color

14.5646, 14.1631, 6.9671

Protanomaly

13.5793, 14.0869, 7.1576

Deuteranomaly

14.5099, 14.2782, 6.9922

Tritanomaly

15.4379, 14.0960, 11.3583

Monochromacy



Original Color

14.5646, 14.1631, 6.9671

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6351, 14.0161, 11.6596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5646, 14.1631, 6.9671 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(129, 100, 65)` looks like.

```
.text, #text, p{  
    color:rgb(129, 100, 65)  
}
```

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(129, 100, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 100, 65) }
```

Border

The CSS property to change the border of an element to XYZ 14.5646, 14.1631, 6.9671 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(129, 100, 65) }
```


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

```
.border{ border-color:rgb(129, 100, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 100, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 100, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 100, 65);  
box-shadow:4px 4px 4px 4px rgb(129, 100,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5646, 14.1631, 6.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 100, 65) }
```

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

```
.background{ background-color: rgb(129,  
100, 65) }
```

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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