

Converting Colors

XYZ(14.6295, 14.0770, 12.4443)

Have a look what the booklet for
XYZ(14.6295, 14.0770, 12.4443)
contains.

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Color

**XYZ(14.6036, 14.0601,
12.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	7A645E
RGB	122, 100, 94
RGB Percent	48%, 39%, 37%
CMY	0.5216, 0.6078, 0.6314
CMYK	0.00, 0.18, 0.23, 0.52
HSL	13°, 13%, 42%
HSV	13°, 23%, 48%
XYZ	14.6036, 14.0601, 12.5338
YIQ	105.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

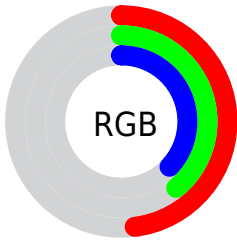
Format	Color
R_{YB}	122, 102, 94
Decimal	8021086
CIE Lab	44.32, 7.80, 6.71
CIE LCh	44, 10.291, 40.679
Yxy	14.0601, 0.3545, 0.3413
Android (android.graphics.Color)	4286211166 (0xFF7A645E)
YUV	105.8940, -5.8637, 14.1250
Hunter-Lab	37.4968, 3.8997, 6.4293

Details

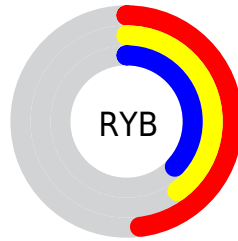
The XYZ color **14.6036, 14.0601, 12.5338** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3741, 16.2751, 20.7963**, and the grayscale version is **13.6836, 14.3962, 15.6774**.

A 20% lighter version of the original color is **33.7798, 33.2608, 31.0251**, and **4.5543, 4.1761, 3.3623** is the 20% darker color. If you saturate the color by 10%, you get **13.2331, 12.1269, 9.5862**, and if you desaturate by 10%, it is **16.1696, 16.2455, 15.9739**.

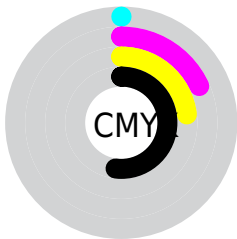
Distribution



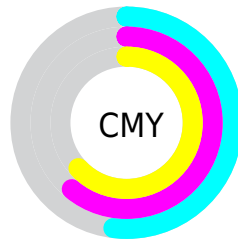
- Red (48%)
- Green (39%)
- Blue (37%)



- Red (48%)
- Yellow (40%)
- Blue (37%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (52%)



- Cyan (52%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6036, 14.0601, 12.5338 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 14.6036, 14.0601, 12.5338 by changing the saturation by 10% instead.

■ 14.6036, 14.0601,
12.5338

■ 14.6036, 14.0601,
12.5338

214.3905,
217.6044, 219.0097

■ 8.6262, 8.1625,
6.9814

■ 33.7337, 33.1956,
31.1425

■ 4.5533, 4.1991,
3.3722

■ 47.6170, 47.2023,
45.0358

■ 2.0197, 1.7855,
1.2877

■ 64.8663, 64.6808,
62.5465

■ 0.6450, 0.4781,
0.0517

■ 85.8470, 86.0155,
84.0931

■ 0.0000, 0.0000,
0.0000

110.9244,
111.5909, 110.0942

140.4639,

141.7912, 140.9683

174.8308,
177.0009, 177.1340

■ 14.6036, 14.0601,
12.5338

■ 14.6036, 14.0601,
12.5338

■ 13.2331, 12.1269,
9.5862

■ 16.1696, 16.2455,
15.9739

■ 12.0491, 10.4350,
7.1076

■ 17.9373, 18.6899,
19.9267

■ 11.0438, 8.9753,
5.0738

■ 19.9141, 21.4020,
24.4125

■ 10.2081, 7.7376,
3.4584

■ 22.1065, 24.3898,
29.4501

■ 9.5322, 6.7106,
2.2317

■ 24.5208, 27.6608,
35.0573

■ 9.0053, 5.8824,
1.3606

■ 27.1632, 31.2221,
41.2514

■ 8.6146, 5.2393,
0.8042

■ 30.0395, 35.0807,
48.0487

■ 8.3989, 4.8833,
0.4999

■ 33.1552, 39.2435,
55.4649

■ 36.5159, 43.7168,
63.5152

Harmonies

Analogous

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



14.9845, 14.0601, 14.4823



14.6036, 14.0601, 12.5338



13.8956, 14.0601, 11.4085

Triad

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



14.6036, 14.0601, 12.5338



11.9215, 14.0601, 13.8541



13.6599, 14.0601, 20.2232

Complementary

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



14.6036, 14.0601, 12.5338



14.3741, 16.2751, 20.7963

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.



12.8455, 14.0601, 20.0106



14.6036, 14.0601, 12.5338



11.8642, 14.0601, 16.1667

Square

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



14.6036, 14.0601, 12.5338



12.3558, 14.0601, 12.1147



12.1961, 14.0601, 18.4664



14.4249, 14.0601, 19.0206

Rectangle

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



14.6036, 14.0601, 12.5338



13.3449, 14.0601, 11.1996



12.1961, 14.0601, 18.4664



13.3825, 14.0601, 20.3177

Sweetspot

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



14.6040, 14.0607, 12.5341



30.2010, 31.0103, 32.0112



15.2046, 13.4134, 18.4330



6.8764, 7.0503, 7.2542



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.



14.6040, 14.0607, 12.5341



24.2710, 22.7364, 18.9788



16.0188, 16.8904, 13.0057



4.0616, 4.1416, 4.2098



8.8372, 5.1304, 0.5245



41.6329, 23.4292, 2.3280

Inverse Universe

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



14.3741, 16.2751, 20.7963



23.7835, 27.4098, 36.4300



12.9199, 13.3665, 20.3115



4.0376, 4.3736, 5.0746



8.0814, 10.2452, 20.9369



37.9113, 47.5952, 99.6585

Previews

White Background



This preview shows how the XYZ color 14.6036, 14.0601, 12.5338 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 14.6036, 14.0601, 12.5338 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 14.6036, 14.0601, 12.5338

Background



This preview shows how black text looks on a background with the XYZ color 14.6036, 14.0601, 12.5338.



This preview shows how white text looks on a background with the XYZ color 14.6036, 14.0601,

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

14.6036, 14.0601, 12.5338

Protanopia

13.4696, 14.1989, 13.0971

Deuteranopia

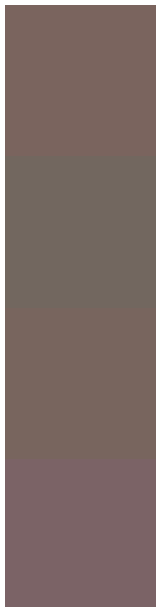
14.2818, 14.0375, 12.5464



Tritanopia

15.1376, 13.9869, 15.5376

Trichromacy



Original Color

14.6036, 14.0601, 12.5338

Protanomaly

13.8552, 14.1041, 12.8186

Deuteranomaly

14.4198, 14.1086, 12.5529

Tritanomaly

15.0285, 14.0939, 14.4987

Monochromacy



Original Color

14.6036, 14.0601, 12.5338

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0307, 14.3047, 14.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6036, 14.0601, 12.5338 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(122, 100, 94)` looks like.

```
.text, #text, p{  
    color:rgb(122, 100, 94)  
}
```

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(122, 100, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 100, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.6036, 14.0601, 12.5338 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(122, 100, 94) }
```


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

```
.border{ border-color:rgb(122, 100, 94) }
```

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

Here you see how a box with a 4 pixel rgb(122, 100, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 100, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 100, 94);  
box-shadow:4px 4px 4px 4px rgb(122, 100,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6036, 14.0601, 12.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 100, 94) }
```

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

```
.background{ background-color: rgb(122,  
100, 94) }
```

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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