

Converting Colors

XYZ(16.5181, 13.6016, 6.0297)

Have a look what the booklet for
XYZ(16.5181, 13.6016, 6.0297)
contains.

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Color

**XYZ(16.5181, 13.6016,
6.0297)**

Conversions

Conversions Part 1

Format	Color
Hex	94583C
RGB	148, 88, 60
RGB Percent	58%, 35%, 24%
CMY	0.4196, 0.6549, 0.7647
CMYK	0.00, 0.41, 0.59, 0.42
HSL	19°, 42%, 41%
HSV	19°, 59%, 58%
XYZ	16.5181, 13.6016, 6.0297
YIQ	102.7480, 44.7480, 4.0120

Conversions

Conversions Part 2

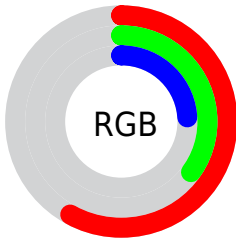
Format	Color
R_{YB}	148, 101, 60
Decimal	9721916
CIE _{Lab}	43.66, 21.89, 26.62
CIE _{LCh}	44, 34.465, 50.575
Yxy	13.6016, 0.4569, 0.3763
Android (android.graphics.Color)	4287911996 (0xFF94583C)
YUV	102.7480, -21.0748, 39.6860
Hunter-Lab	36.8803, 15.4066, 16.1227

Details

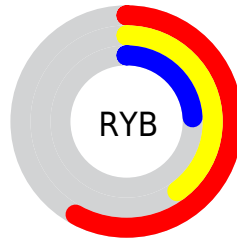
The XYZ color **16.5181, 13.6016, 6.0297** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.9248, 16.5308, 30.4738**, and the grayscale version is **12.8715, 13.5418, 14.7470**.

A 20% lighter version of the original color is **36.9721, 32.2388, 18.4614**, and **5.4007, 3.9504, 0.9681** is the 20% darker color. If you saturate the color by 10%, you get **15.4085, 11.9235, 3.9923**, and if you desaturate by 10%, it is **17.8524, 15.5542, 8.6822**.

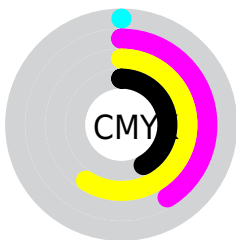
Distribution



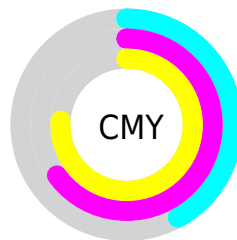
- Red (58%)
- Green (35%)
- Blue (24%)



- Red (58%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (41%)
- Yellow (59%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5181, 13.6016, 6.0297 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 16.5181, 13.6016, 6.0297 by changing the saturation by 10% instead.

■ 16.5181, 13.6016,
6.0297

■ 16.5181, 13.6016,
6.0297

225.5906,
214.7381, 168.6512

■ 9.9847, 7.8441,
2.7941

■ 37.0456, 32.3804,
18.4712

■ 5.4510, 3.9954,
0.9905

■ 51.7703, 46.1706,
28.5142

■ 2.5517, 1.6710,
0.0000

■ 69.9562, 63.4070,
41.6634

■ 0.9214, 0.4047,
0.0000

■ 91.9687, 84.4742,
58.3373

■ 0.0000, 0.0000,
0.0000

■ 118.1730,
109.7565, 78.9545

■ 148.9345,

139.6383, 103.9336

184.6186,
174.5040, 133.6929

■ 16.5181, 13.6016,
6.0297

■ 16.5181, 13.6016,
6.0297

■ 15.4085, 11.9235,
3.9923

■ 17.8524, 15.5542,
8.6822

■ 14.5087, 10.5047,
2.5182

■ 19.4233, 17.7914,
11.9944

■ 13.8029, 9.3314,
1.5484

■ 21.2427, 20.3253,
16.0072

■ 13.2595, 8.3825,
0.9421

■ 23.3215, 23.1664,
20.7584

■ 13.2331, 8.3367,
0.9117

■ 25.6698, 26.3251,
26.2828

■ 28.2973, 29.8109,
32.6130

■ 31.2132, 33.6331,
39.7799

■ 34.4260, 37.8006,
47.8125

■ 37.9441, 42.3218,
56.7385

Harmonies

Analogous

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



18.4308, 13.6016, 10.1698



16.5181, 13.6016, 6.0297



13.7980, 13.6016, 4.4432

Triad

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



16.5181, 13.6016, 6.0297



8.4480, 13.6016, 12.5033



14.8422, 13.6016, 33.5771

Complementary

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



16.5181, 13.6016, 6.0297



13.9248, 16.5308, 30.4738

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.



12.0952, 13.6016, 34.8858



16.5181, 13.6016, 6.0297



8.6464, 13.6016, 20.6821

Square

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



16.5181, 13.6016, 6.0297



9.3139, 13.6016, 7.2246



9.8997, 13.6016, 29.5431



17.3734, 13.6016, 26.4189

Rectangle

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



16.5181, 13.6016, 6.0297



11.9972, 13.6016, 4.4665



9.8997, 13.6016, 29.5431



13.9056, 13.6016, 34.7940

Sweetspot

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



16.5184, 13.6023, 6.0300



41.5817, 41.4612, 37.6312



17.2269, 10.8870, 19.0052



9.2541, 9.1418, 8.0383



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.5184, 13.6023, 6.0300



26.6805, 20.2511, 6.1755



21.2615, 23.0885, 7.6110



5.9425, 6.0988, 6.1044



11.3256, 7.1657, 0.7862



0.1629, 0.1363, 0.0177

Inverse Universe

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



13.9248, 16.5308, 30.4738



21.6285, 25.7900, 53.2726



9.8025, 8.2861, 29.0997



5.8101, 6.2541, 7.3707



8.5578, 9.8104, 25.3736



0.1314, 0.1733, 0.3194

Previews

White Background



This preview shows how the XYZ color 16.5181, 13.6016, 6.0297 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 16.5181, 13.6016, 6.0297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

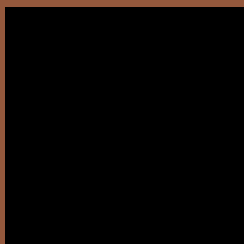
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5181, 13.6016, 6.0297

Background



This preview shows how black text looks on a background with the XYZ color 16.5181, 13.6016, 6.0297.



This preview shows how white text looks on a background with the XYZ color 16.5181, 13.6016,

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

16.5181, 13.6016, 6.0297

Protanopia

12.7437, 13.8047, 7.1472

Deuteranopia

13.9780, 13.7412, 5.9186



Tritanopia

17.5935, 13.5629, 11.3635

Trichromacy



Original Color

16.5181, 13.6016, 6.0297

Protanomaly

13.8973, 13.5412, 6.7317

Deuteranomaly

14.8733, 13.6511, 5.9887

Tritanomaly

17.0542, 13.4511, 9.0946

Monochromacy



Original Color

16.5181, 13.6016, 6.0297

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.6957, 13.3454, 10.8709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5181, 13.6016, 6.0297 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(148, 88, 60)` looks like.

```
.text, #text, p{  
    color:rgb(148, 88, 60)  
}
```

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(148, 88, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 88, 60) }
```

Border

The CSS property to change the border of an element to XYZ 16.5181, 13.6016, 6.0297 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(148, 88, 60) }
```


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

```
.border{ border-color:rgb(148, 88, 60) }
```

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

Here you see how a box with a 4 pixel rgb(148, 88, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 88, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 88, 60);  
box-shadow:4px 4px 4px 4px rgb(148, 88,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5181, 13.6016, 6.0297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 88, 60) }
```

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

```
.background{ background-color: rgb(148, 88,  
60) }
```

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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