

Converting Colors

XYZ(16.5763, 14.7651, 6.2792)

Have a look what the booklet for
XYZ(16.5763, 14.7651, 6.2792)
contains.

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Color

**XYZ(16.5919, 14.8049,
6.2581)**

Conversions

Conversions Part 1

Format	Color
Hex	90613C
RGB	144, 97, 60
RGB Percent	56%, 38%, 24%
CMY	0.4353, 0.6196, 0.7647
CMYK	0.00, 0.33, 0.58, 0.44
HSL	26°, 41%, 40%
HSV	26°, 58%, 56%
XYZ	16.5919, 14.8049, 6.2581
YIQ	106.8350, 39.8890, -1.5430

Conversions

Conversions Part 2

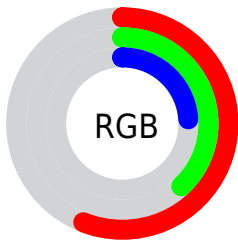
Format	Color
R_{YB}	144, 126, 60
Decimal	9462076
CIE _{Lab}	45.37, 14.93, 28.62
CIE _{LCh}	45, 32.281, 62.446
Yxy	14.8049, 0.4406, 0.3932
Android (android.graphics.Color)	4287652156 (0xFF90613C)
YUV	106.8350, -23.0897, 32.5937
Hunter-Lab	38.4771, 9.6368, 17.2908

Details

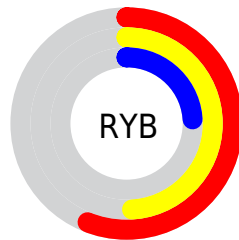
The XYZ color **16.5919, 14.8049, 6.2581** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.1549, 13.4891, 28.3485**, and the grayscale version is **13.9839, 14.7122, 16.0215**.

A 20% lighter version of the original color is **37.1161, 34.5419, 18.8984**, and **5.4506, 4.4923, 1.0700** is the 20% darker color. If you saturate the color by 10%, you get **15.5549, 13.2594, 4.2832**, and if you desaturate by 10%, it is **17.8089, 16.5446, 8.8044**.

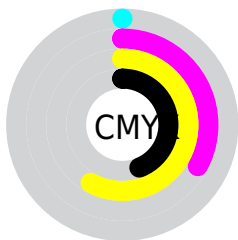
Distribution



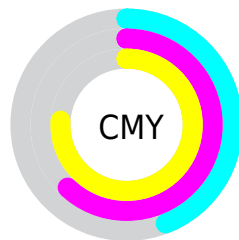
- Red (56%)
- Green (38%)
- Blue (24%)



- Red (56%)
- Yellow (49%)
- Blue (24%)



- Cyan (0%)
- Magenta (33%)
- Yellow (58%)
- Black (44%)





- Cyan (44%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.5919, 14.8049, 6.2581 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 16.5919, 14.8049, 6.2581 by changing the saturation by 10% instead.


 16.5919, 14.8049,
6.2581


 16.5919, 14.8049,
6.2581


226.0119,
222.1823, 170.7383


 10.0375, 8.6826,
2.9313


 37.1720, 34.5106,
18.9511

 5.4863, 4.5347,
1.0597

 51.9283, 48.8627,
29.1545

 2.5730, 1.9769,
0.0000

 70.1493, 66.7268,
42.4871

 0.9322, 0.5940,
0.0000

 92.2004, 88.4875,
59.3676

 0.0000, 0.0000,
0.0000

 118.4468,
114.5289, 80.2144

 149.2539,

145.2356, 105.4461

184.9872,
180.9919, 135.4812

■ 16.5919, 14.8049,
6.2581

■ 16.5919, 14.8049,
6.2581

■ 15.5549, 13.2594,
4.2832

■ 17.8089, 16.5446,
8.8044

■ 14.6859, 11.8979,
2.8328

■ 19.2146, 18.4836,
11.9624

■ 13.9729, 10.7125,
1.8535

■ 20.8183, 20.6296,
15.7696

■ 13.3923, 9.6897,
1.2334

■ 22.6285, 22.9890,
20.2602

■ 13.3032, 9.5326,
1.1388

■ 24.6529, 25.5682,
25.4659

■ 26.8990, 28.3729,
31.4167

■ 29.3738, 31.4090,
38.1406

■ 32.0839, 34.6818,
45.6642

■ 35.0358, 38.1967,
54.0129

Harmonies

Analogous

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



18.8825, 14.8049, 9.4290



16.5919, 14.8049, 6.2581



13.8529, 14.8049, 5.4156

Triad

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



16.5919, 14.8049, 6.2581



9.5264, 14.8049, 16.7580



17.0206, 14.8049, 32.0528

Complementary

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



16.5919, 14.8049, 6.2581



12.1549, 13.4891, 28.3485

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.



14.2927, 14.8049, 35.8117



16.5919, 14.8049, 6.2581



10.1563, 14.8049, 25.4027

Square

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



16.5919, 14.8049, 6.2581



9.9804, 14.8049, 10.2127



11.8204, 14.8049, 33.0589



19.1513, 14.8049, 23.9540

Rectangle

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



16.5919, 14.8049, 6.2581



12.1947, 14.8049, 5.9670



11.8204, 14.8049, 33.0589



16.1318, 14.8049, 33.9641

Sweetspot

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



16.5923, 14.8056, 6.2584



40.2459, 40.9777, 36.5809



15.8030, 10.2353, 15.2188



9.0928, 9.2213, 8.0437



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.5923, 14.8056, 6.2584



26.9289, 22.6072, 6.6659



21.4632, 24.5474, 7.8820



5.5921, 5.7906, 5.7123



11.6075, 8.3466, 0.9993



0.1323, 0.1225, 0.0167

Inverse Universe

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



12.1549, 13.4891, 28.3485



18.3183, 20.0222, 49.4372



8.8226, 6.8243, 27.2377



5.3641, 5.7239, 6.8509



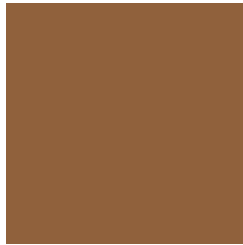
6.9417, 6.8694, 23.9371



0.0884, 0.1097, 0.2362

Previews

White Background



This preview shows how the XYZ color 16.5919, 14.8049, 6.2581 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 16.5919, 14.8049, 6.2581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

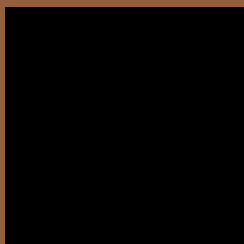
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5919, 14.8049, 6.2581

Background



This preview shows how black text looks on a background with the XYZ color 16.5919, 14.8049, 6.2581.



This preview shows how white text looks on a background with the XYZ color 16.5919, 14.8049,

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

16.5919, 14.8049, 6.2581

Protanopia

13.7592, 14.9468, 7.0103

Deuteranopia

15.1554, 14.9218, 6.2191



Tritanopia

18.1119, 14.7582, 13.6984

Trichromacy



Original Color

16.5919, 14.8049, 6.2581

Protanomaly

14.5999, 14.7715, 6.7843

Deuteranomaly

15.5964, 14.8574, 6.1834

Tritanomaly

17.4965, 14.7723, 10.5235

Monochromacy



Original Color

16.5919, 14.8049, 6.2581

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4414, 14.4318, 11.6973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5919, 14.8049, 6.2581 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(144, 97, 60)` looks like.

```
.text, #text, p{  
    color:rgb(144, 97, 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(144, 97, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 97, 60) }
```

Border

The CSS property to change the border of an element to XYZ 16.5919, 14.8049, 6.2581 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(144, 97, 60) }
```


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

```
.border{ border-color:rgb(144, 97, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 97, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 97, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 97, 60);  
box-shadow:4px 4px 4px 4px rgb(144, 97,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5919, 14.8049, 6.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 97, 60) }
```

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

```
.background{ background-color: rgb(144, 97,  
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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