

Converting Colors

XYZ(18.5441, 17.0295, 5.6352)

Have a look what the booklet for
XYZ(18.5441, 17.0295, 5.6352)
contains.

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Color

**XYZ(18.4567, 16.9395,
5.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	976935
RGB	151, 105, 53
RGB Percent	59%, 41%, 21%
CMY	0.4078, 0.5882, 0.7922
CMYK	0.00, 0.30, 0.65, 0.41
HSL	32°, 48%, 40%
HSV	32°, 65%, 59%
XYZ	18.4567, 16.9395, 5.6650
YIQ	112.8260, 44.1080, -6.4200

Conversions

Conversions Part 2

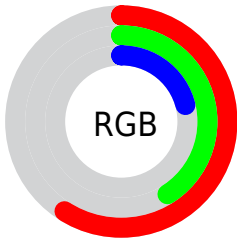
Format	Color
RYB	140, 151, 53
Decimal	9922869
CIELab	48.18, 12.89, 36.00
CIELCh	48, 38.235, 70.304
Yxy	16.9395, 0.4495, 0.4125
Android (android.graphics.Color)	4288112949 (0xFF976935)
YUV	112.8260, -29.4942, 33.4786
Hunter-Lab	41.1576, 8.0206, 20.6496

Details

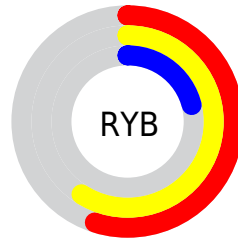
The XYZ color **18.4567, 16.9395, 5.6650** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.5157, 11.9144, 30.9708**, and the grayscale version is **15.7203, 16.5390, 18.0110**.

A 20% lighter version of the original color is **40.2992, 38.1461, 17.8093**, and **6.3643, 5.5239, 0.8744** is the 20% darker color. If you saturate the color by 10%, you get **17.4706, 15.4384, 3.8845**, and if you desaturate by 10%, it is **19.6132, 18.6064, 8.0427**.

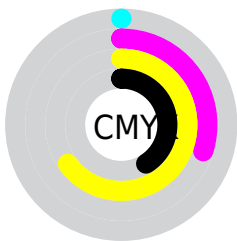
Distribution



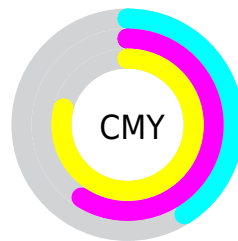
- Red (59%)
- Green (41%)
- Blue (21%)



- Red (55%)
- Yellow (59%)
- Blue (21%)



- Cyan (0%)
- Magenta (30%)
- Yellow (65%)
- Black (41%)





- Cyan (41%)
- Magenta (59%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.4567, 16.9395, 5.6650 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 18.4567, 16.9395, 5.6650 by changing the saturation by 10% instead.


 18.4567, 16.9395,
5.6650


 18.4567, 16.9395,
5.6650


236.4289,
234.8235, 165.2439


 11.3800, 10.1914,
2.5770


 40.3380, 38.2217,
17.6970


 6.3922, 5.5260,
0.8805


 55.8734, 53.5246,
27.4781


 3.1279, 2.5591,
0.0000

 74.9590, 72.4479,
40.3273

 1.2218, 0.9061,
0.0000

 97.9603, 95.3759,
56.6631

 0.1235, 0.0000,
0.0000

 125.2426,
122.6931, 76.9042

 0.0000, 0.0000,
0.0000

 157.1712,

154.7838, 101.4690

194.1115,
192.0325, 130.7760

■ 18.4567, 16.9395,
5.6650

■ 18.4567, 16.9395,
5.6650

■ 17.4706, 15.4384,
3.8845

■ 19.6132, 18.6064,
8.0427

■ 16.6417, 14.0935,
2.6434

■ 20.9497, 20.4431,
11.0661

■ 15.9550, 12.8969,
1.8696

■ 22.4762, 22.4566,
14.7799

■ 15.6405, 12.3354,
1.5566

■ 24.2017, 24.6525,
19.2243

■ 26.1343, 27.0361,
24.4365

■ 28.2820, 29.6125,
30.4512

■ 30.6518, 32.3867,
37.3008

■ 33.2509, 35.3632,
45.0161

■ 36.0857, 38.5465,
53.6261

Harmonies

Analogous

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



21.7467, 16.9395, 8.6357



18.4567, 16.9395, 5.6650



14.9357, 16.9395, 5.3041

Triad

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



18.4567, 16.9395, 5.6650



10.3853, 16.9395, 22.0797



20.8160, 16.9395, 37.2031

Complementary

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



18.4567, 16.9395, 5.6650



11.5157, 11.9144, 30.9708

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.



17.3243, 16.9395, 44.3726



18.4567, 16.9395, 5.6650



11.5274, 16.9395, 33.7804

Square

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



18.4567, 16.9395, 5.6650



10.5979, 16.9395, 12.7222



13.9539, 16.9395, 42.9338



23.2387, 16.9395, 25.6669

Rectangle

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



18.4567, 16.9395, 5.6650



12.9615, 16.9395, 6.3726



13.9539, 16.9395, 42.9338



19.7092, 16.9395, 40.3631

Sweetspot

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



18.4571, 16.9403, 5.6653



45.2060, 46.4636, 39.4065



16.3537, 10.0528, 13.2284



10.0682, 10.3052, 8.4015



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.4571, 16.9403, 5.6653



30.5622, 26.4914, 5.8070



24.1706, 28.8143, 7.6561



6.4665, 6.7381, 6.5656



13.3346, 10.5515, 1.3338



0.2358, 0.2306, 0.0321

Inverse Universe

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



11.5157, 11.9144, 30.9708



17.1480, 16.7989, 54.7724



8.4147, 5.5826, 29.9121



6.1115, 6.4804, 7.8577



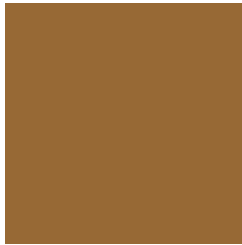
6.6902, 5.7770, 25.6702



0.1360, 0.1583, 0.3958

Previews

White Background



This preview shows how the XYZ color 18.4567, 16.9395, 5.6650 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 18.4567, 16.9395, 5.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

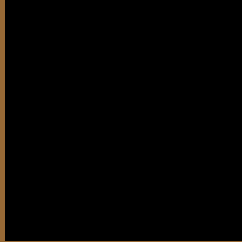
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4567, 16.9395, 5.6650

Background



This preview shows how black text looks on a background with the XYZ color 18.4567, 16.9395, 5.6650.



This preview shows how white text looks on a background with the XYZ color 18.4567, 16.9395,

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

18.4567, 16.9395, 5.6650

Protanopia

15.5969, 17.0590, 6.2121

Deuteranopia

17.2438, 16.9360, 5.6089



Tritanopia

20.6333, 16.9538, 16.0948

Trichromacy



Original Color

18.4567, 16.9395, 5.6650

Protanomaly

16.5274, 16.8790, 6.0013

Deuteranomaly

17.6594, 16.9928, 5.5980

Tritanomaly

19.7004, 16.8655, 11.2339

Monochromacy



Original Color

18.4567, 16.9395, 5.6650

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.2167, 16.4192, 12.2120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4567, 16.9395, 5.6650 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(151, 105, 53)` looks like.

```
.text, #text, p{  
    color:rgb(151, 105, 53)  
}
```

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(151, 105, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 105, 53) }
```

Border

The CSS property to change the border of an element to XYZ 18.4567, 16.9395, 5.6650 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(151, 105, 53) }
```


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

```
.border{ border-color:rgb(151, 105, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 105, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 105, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 105, 53);  
box-shadow:4px 4px 4px 4px rgb(151, 105,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4567, 16.9395, 5.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 105, 53) }
```

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

```
.background{ background-color: rgb(151,  
105, 53) }
```

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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