

Converting Colors

XYZ(17.7247, 14.7216, 6.6131)

Have a look what the booklet for
XYZ(17.7247, 14.7216, 6.6131)
contains.

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Color

**XYZ(17.6732, 14.6886,
6.6063)**

Conversions

Conversions Part 1

Format	Color
Hex	985C3F
RGB	152, 92, 63
RGB Percent	60%, 36%, 25%
CMY	0.4039, 0.6392, 0.7529
CMYK	0.00, 0.39, 0.59, 0.40
HSL	20°, 41%, 42%
HSV	20°, 59%, 60%
XYZ	17.6732, 14.6886, 6.6063
YIQ	106.6340, 45.0690, 3.7010

Conversions

Conversions Part 2

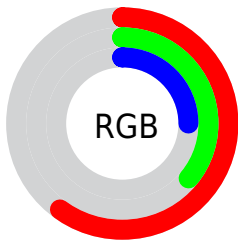
Format	Color
R_{YB}	152, 106, 63
Decimal	9985087
CIE _{Lab}	45.20, 21.57, 26.94
CIE _{LCh}	45, 34.508, 51.313
Yxy	14.6886, 0.4535, 0.3769
Android (android.graphics.Color)	4288175167 (0xFF985C3F)
YUV	106.6340, -21.5116, 39.7860
Hunter-Lab	38.3257, 15.2420, 16.6080

Details

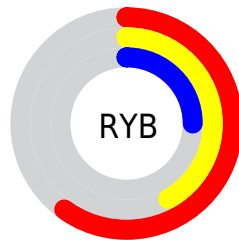
The XYZ color **17.6732, 14.6886, 6.6063** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.7998, 17.4885, 32.3011**, and the grayscale version is **13.9231, 14.6482, 15.9519**.

A 20% lighter version of the original color is **38.9862, 34.3479, 19.6139**, and **5.9857, 4.4652, 1.1625** is the 20% darker color. If you saturate the color by 10%, you get **16.4773, 12.8853, 4.3935**, and if you desaturate by 10%, it is **19.1072, 16.7805, 9.4774**.

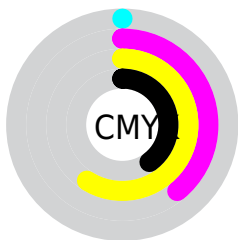
Distribution



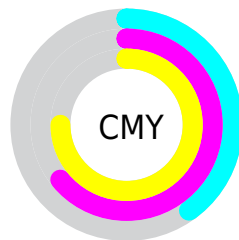
- Red (60%)
- Green (36%)
- Blue (25%)



- Red (60%)
- Yellow (42%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (59%)
- Black (40%)





- Cyan (40%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.6732, 14.6886, 6.6063 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 17.6732, 14.6886, 6.6063 by changing the saturation by 10% instead.


 17.6732, 14.6886,
6.6063


 17.6732, 14.6886,
6.6063


232.1039,
221.4736, 173.8559


 10.8139, 8.6011,
3.1424


 39.0141, 34.3060,
19.6759


 6.0082, 4.4819,
1.1678


 54.2265, 48.6046,
30.1187


 2.8908, 1.9466,
0.0000

 72.9538, 66.4092,
43.7249

 1.0963, 0.5762,
0.0000

 95.5616, 88.1040,
60.9131

 0.0220, 0.0000,
0.0000

 122.4152,
114.0734, 82.1017

 0.0000, 0.0000,
0.0000

 153.8798,

144.7019, 107.7094

190.3210,
180.3738, 138.1546

■ 17.6732, 14.6886,
6.6063

■ 17.6732, 14.6886,
6.6063

■ 16.4773, 12.8853,
4.3935

■ 19.1072, 16.7805,
9.4774

■ 15.5037, 11.3548,
2.7843

■ 20.7916, 19.1712,
13.0538

■ 14.7361, 10.0830,
1.7164

■ 22.7389, 21.8733,
17.3790

■ 14.1455, 9.0495,
1.0644

■ 24.9605, 24.8979,
22.4929

■ 14.0696, 8.9170,
0.9796

■ 27.4670, 28.2555,
28.4325

■ 30.2687, 31.9560,
35.2322

■ 33.3749, 36.0091,
42.9249

■ 36.7949, 40.4240,
51.5413

■ 40.5374, 45.2095,
61.1110

Harmonies

Analogous

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



19.7122, 14.6886, 10.9416



17.6732, 14.6886, 6.6063



14.8050, 14.6886, 4.9568

Triad

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



17.6732, 14.6886, 6.6063



9.2154, 14.6886, 13.7386



16.0485, 14.6886, 35.5160

Complementary

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



17.6732, 14.6886, 6.6063



14.7998, 17.4885, 32.3011

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.



13.1498, 14.6886, 37.0578



17.6732, 14.6886, 6.6063



9.4539, 14.6886, 22.4008

Square

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



17.6732, 14.6886, 6.6063



10.1064, 14.6886, 8.0540



10.8089, 14.6886, 31.6329



18.6890, 14.6886, 27.9422

Rectangle

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



17.6732, 14.6886, 6.6063



12.9137, 14.6886, 5.0142



10.8089, 14.6886, 31.6329



15.0636, 14.6886, 36.8396

Sweetspot

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



17.6736, 14.6893, 6.6066



44.1424, 44.0615, 39.8996



18.3528, 11.6810, 20.2953



9.7797, 9.6720, 8.4788



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.



17.6736, 14.6893, 6.6066



28.5630, 21.9373, 6.8537



22.6056, 24.5534, 8.2506



6.3650, 6.5351, 6.5318



11.8230, 7.5283, 0.8300



0.2074, 0.1739, 0.0226

Inverse Universe

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



14.7998, 17.4885, 32.3011



22.9583, 27.2415, 56.4818



10.5363, 8.9616, 30.8799



6.2148, 6.6870, 7.8921



8.8033, 10.0032, 26.3745



0.1643, 0.2150, 0.4052

Previews

White Background



This preview shows how the XYZ color 17.6732, 14.6886, 6.6063 looks on a white background.

Color Contrast Check

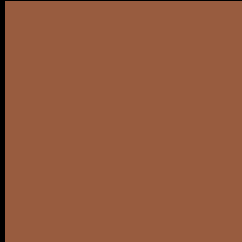
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6732, 14.6886, 6.6063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

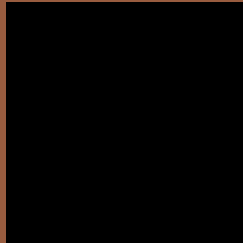
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6732, 14.6886, 6.6063

Background



This preview shows how black text looks on a background with the XYZ color 17.6732, 14.6886, 6.6063.



This preview shows how white text looks on a background with the XYZ color 17.6732, 14.6886,

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

17.6732, 14.6886, 6.6063

Protanopia

13.6680, 14.7270, 7.7524

Deuteranopia

14.9537, 14.6650, 6.4574



Tritanopia

18.8365, 14.6576, 12.4261

Trichromacy



Original Color

17.6732, 14.6886, 6.6063

Protanomaly

14.9704, 14.6538, 7.3496

Deuteranomaly

15.8846, 14.5721, 6.5329

Tritanomaly

18.2706, 14.5416, 10.0275

Monochromacy



Original Color

17.6732, 14.6886, 6.6063

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.8081, 14.4690, 11.9099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6732, 14.6886, 6.6063 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(152, 92, 63)` looks like.

```
.text, #text, p{  
    color:rgb(152, 92, 63)  
}
```

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(152, 92, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 92, 63) }
```

Border

The CSS property to change the border of an element to XYZ 17.6732, 14.6886, 6.6063 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(152, 92, 63) }
```


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

```
.border{ border-color:rgb(152, 92, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 92, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 92, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 92, 63);  
box-shadow:4px 4px 4px 4px rgb(152, 92,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6732, 14.6886, 6.6063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 92, 63) }
```

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

```
.background{ background-color: rgb(152, 92,  
63) }
```

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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