

Converting Colors

XYZ(16.5584, 13.6276, 10.5929)

Have a look what the booklet for
XYZ(16.5584, 13.6276, 10.5929)
contains.

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Color

**XYZ(16.5798, 13.6563,
10.5662)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5956
RGB	143, 89, 86
RGB Percent	56%, 35%, 34%
CMY	0.4392, 0.6510, 0.6627
CMYK	0.00, 0.38, 0.40, 0.44
HSL	3°, 25%, 45%
HSV	3°, 40%, 56%
XYZ	16.5798, 13.6563, 10.5662
YIQ	104.8040, 33.1470, 10.5150

Conversions

Conversions Part 2

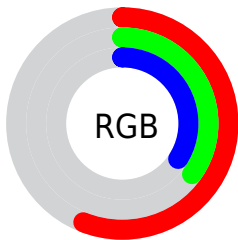
Format	Color
RYB	143, 89, 86
Decimal	9394518
CIELab	43.74, 21.89, 11.09
CIELCh	44, 24.537, 26.859
Yxy	13.6563, 0.4063, 0.3347
Android (android.graphics.Color)	4287584598 (0xFF8F5956)
YUV	104.8040, -9.2704, 33.4979
Hunter-Lab	36.9544, 15.4147, 8.9156

Details

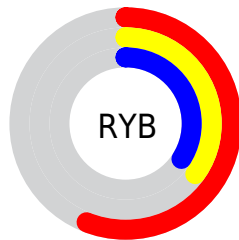
The XYZ color **16.5798, 13.6563, 10.5662** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1734, 22.7169, 29.4136**, and the grayscale version is **13.3926, 14.0900, 15.3440**.

A 20% lighter version of the original color is **37.1107, 32.5395, 27.6174**, and **5.4447, 3.9897, 2.5809** is the 20% darker color. If you saturate the color by 10%, you get **15.0349, 11.3981, 7.4875**, and if you desaturate by 10%, it is **18.4482, 16.3769, 14.3218**.

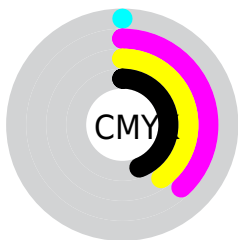
Distribution



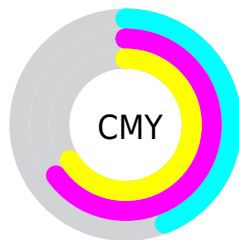
- Red (56%)
- Green (35%)
- Blue (34%)



- Red (56%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (38%)
- Yellow (40%)
- Black (44%)



- Cyan (44%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5798, 13.6563, 10.5662 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 16.5798, 13.6563, 10.5662 by changing the saturation by 10% instead.

■ 16.5798, 13.6563,
10.5662

■ 16.5798, 13.6563,
10.5662

225.9429,
215.0820, 205.2962

■ 10.0288, 7.8820,
5.6655

■ 37.1513, 32.4779,
27.4794

■ 5.4805, 4.0195,
2.5773

■ 51.9024, 46.2941,
40.3290

■ 2.5695, 1.6845,
0.8807

■ 70.1177, 63.5596,
56.6653

■ 0.9304, 0.4136,
0.0000

■ 92.1624, 84.6589,
76.9069

■ 0.0000, 0.0000,
0.0000

■ 118.4019,
109.9764, 101.4722

149.2016,

139.8965, 130.7798

184.9268,
174.8036, 165.2483

■ 16.5798, 13.6563,
10.5662

■ 16.5798, 13.6563,
10.5662

■ 15.0349, 11.3981,
7.4875

■ 18.4482, 16.3769,
14.3218

■ 13.7940, 9.5746,
5.0446

■ 20.6559, 19.5815,
18.7904

■ 12.8375, 8.1586,
3.1934

■ 23.2189, 23.2926,
24.0065

■ 12.1427, 7.1187,
1.8836

■ 26.1519, 27.5310,
30.0021

■ 11.6836, 6.4191,
1.0567

■ 29.4688, 32.3161,
36.8074

■ 11.4126, 6.0078,
0.5639

■ 33.1829, 37.6664,
44.4509

■ 11.4095, 6.0032,
0.5574

■ 37.3065, 43.5994,
52.9599

■ 41.8518, 50.1322,
62.3602

■ 46.8302, 57.2808,
72.6767

Harmonies

Analogous

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



17.0489, 13.6563, 15.4593



16.5798, 13.6563, 10.5662



15.1161, 13.6563, 7.6278

Triad

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



16.5798, 13.6563, 10.5662



10.1141, 13.6563, 9.7832



12.7776, 13.6563, 28.2053

Complementary

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



16.5798, 13.6563, 10.5662



18.1734, 22.7169, 29.4136

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.



11.0551, 13.6563, 25.6612



16.5798, 13.6563, 10.5662



9.6161, 13.6563, 14.2947

Square

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



16.5798, 13.6563, 10.5662



11.3745, 13.6563, 7.2607



9.9429, 13.6563, 20.2062



14.7297, 13.6563, 26.5082

Rectangle

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



16.5798, 13.6563, 10.5662



13.8420, 13.6563, 6.7356



9.9429, 13.6563, 20.2062



12.1544, 13.6563, 27.8052

Sweetspot

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



16.5802, 13.6570, 10.5665



40.4232, 40.0377, 40.6305



19.4002, 14.3932, 26.6247



9.1476, 9.0045, 9.0682



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.



16.5802, 13.6570, 10.5665



27.1374, 20.7231, 13.8296



19.4096, 19.3159, 11.5096



5.4303, 5.4669, 5.6584



10.0931, 5.3179, 0.4945



0.1001, 0.0581, 0.0059

Inverse Universe

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



18.1734, 22.7169, 29.4136



30.4011, 39.3097, 52.5233



14.5514, 15.4730, 28.2062



5.5363, 6.0683, 6.9083



12.1067, 17.1994, 25.6588



0.1206, 0.1741, 0.2469

Previews

White Background



This preview shows how the XYZ color 16.5798, 13.6563, 10.5662 looks on a white background.

Color Contrast Check

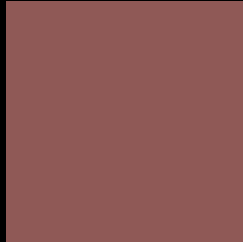
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5798, 13.6563, 10.5662 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 16.5798, 13.6563, 10.5662

Background



This preview shows how black text looks on a background with the XYZ color 16.5798, 13.6563, 10.5662.



This preview shows how white text looks on a background with the XYZ color 16.5798, 13.6563,

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

16.5798, 13.6563, 10.5662

Protanopia

13.0104, 13.6790, 12.3105

Deuteranopia

14.0426, 13.8194, 10.3148



Tritanopia

17.0117, 13.7169, 12.3407

Trichromacy



Original Color

16.5798, 13.6563, 10.5662

Protanomaly

14.0983, 13.5385, 11.5430

Deuteranomaly

14.8758, 13.6887, 10.4525

Tritanomaly

16.8797, 13.6641, 11.6453

Monochromacy



Original Color

16.5798, 13.6563, 10.5662

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.2742, 13.7275, 13.4526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5798, 13.6563, 10.5662 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(143, 89, 86)` looks like.

```
.text, #text, p{  
  color:rgb(143, 89, 86)  
}
```

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(143, 89, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 89, 86) }
```

Border

The CSS property to change the border of an element to XYZ 16.5798, 13.6563, 10.5662 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(143, 89, 86) }
```


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

```
.border{ border-color:rgb(143, 89, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 89, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 89, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 89, 86);  
box-shadow:4px 4px 4px 4px rgb(143, 89,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5798, 13.6563, 10.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 89, 86) }
```

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

```
.background{ background-color: rgb(143, 89,  
86) }
```

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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