

Converting Colors

XYZ(17.9664, 17.1067, 15.1258)

Have a look what the booklet for
XYZ(17.9664, 17.1067, 15.1258)
contains.

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Color

**XYZ(17.9085, 17.0674,
15.1824)**

Conversions

Conversions Part 1

Format	Color
Hex	876D67
RGB	135, 109, 103
RGB Percent	53%, 43%, 40%
CMY	0.4706, 0.5725, 0.5961
CMYK	0.00, 0.19, 0.24, 0.47
HSL	11°, 13%, 47%
HSV	11°, 24%, 53%
XYZ	17.9085, 17.0674, 15.1824
YIQ	116.0900, 17.4220, 3.6460

Conversions

Conversions Part 2

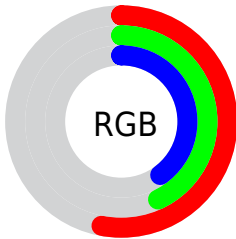
Format	Color
R_{YB}	135, 110, 103
Decimal	8875367
CIE Lab	48.34, 9.30, 7.23
CIE LCh	48, 11.776, 37.869
Yxy	17.0674, 0.3570, 0.3403
Android (android.graphics.Color)	4287065447 (0xFF876D67)
YUV	116.0900, -6.4534, 16.5841
Hunter-Lab	41.3127, 5.0801, 7.1299

Details

The XYZ color **17.9085, 17.0674, 15.1824** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8168, 20.3329, 25.9075**, and the grayscale version is **16.6438, 17.5106, 19.0690**.

A 20% lighter version of the original color is **39.5639, 38.6416, 35.9452**, and **6.1289, 5.5543, 4.4904** is the 20% darker color. If you saturate the color by 10%, you get **16.1870, 14.6226, 11.5311**, and if you desaturate by 10%, it is **19.8863, 19.8495, 19.4594**.

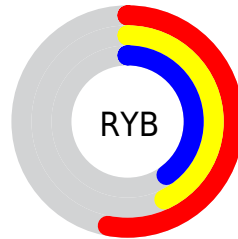
Distribution



Red (53%)

Green (43%)

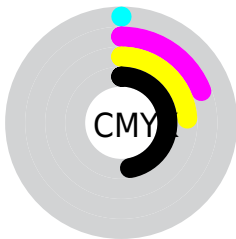
Blue (40%)



Red (53%)

Yellow (43%)

Blue (40%)

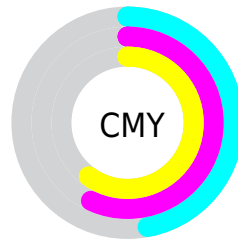


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (47%)



Cyan (47%)


Magenta (57%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9085, 17.0674, 15.1824 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 17.9085, 17.0674, 15.1824 by changing the saturation by 10% instead.


 17.9085, 17.0674,
15.1824


 17.9085, 17.0674,
15.1824


233.4104,
235.5605, 236.1463


 10.9836, 10.2826,
8.7995


 39.4127, 38.4416,
35.9197


 6.1230, 5.5867,
4.5156


 54.7226, 53.7998,
51.1111

 2.9614, 2.5954,
1.9122

 73.5583, 72.7845,
70.0757

 1.1334, 0.9244,
0.5005

 96.2851, 95.7802,
93.2321

 0.0528, 0.0000,
0.0000

123.2684,
123.1713, 120.9988

 0.0000, 0.0000,
0.0000

154.8734,

155.3421, 153.7944

191.4656,
192.6770, 192.0374

■ 17.9085, 17.0674,
15.1824

■ 17.9085, 17.0674,
15.1824

■ 16.1870, 14.6226,
11.5311

■ 19.8863, 19.8495,
19.4594

■ 14.7100, 12.5001,
8.4751

■ 22.1292, 22.9788,
24.3884

■ 13.4664, 10.6869,
5.9828

■ 24.6468, 26.4675,
29.9957

■ 12.4440, 9.1685,
4.0196

■ 27.4483, 30.3266,
36.3057

■ 11.6294, 7.9289,
2.5468

■ 30.5422, 34.5666,
43.3415

■ 11.0076, 6.9509,
1.5206

■ 33.9366, 39.1977,
51.1253

■ 10.5610, 6.2150,
0.8871

■ 37.6394, 44.2294,
59.6782

■ 10.3463, 5.8601,
0.5858

■ 41.6583, 49.6711,
69.0207

■ 46.0004, 55.5320,
79.1723

Harmonies

Analogous

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



18.3562, 17.0674, 17.7850



17.9085, 17.0674, 15.1824



17.0130, 17.0674, 13.6231

Triad

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



17.9085, 17.0674, 15.1824



14.3823, 17.0674, 16.4421



16.5066, 17.0674, 25.0835

Complementary

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



17.9085, 17.0674, 15.1824



17.8168, 20.3329, 25.9075

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.



15.4560, 17.0674, 24.6219



17.9085, 17.0674, 15.1824



14.2601, 17.0674, 19.4055

Square

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



17.9085, 17.0674, 15.1824



14.9864, 17.0674, 14.2925



14.6449, 17.0674, 22.4580



17.5238, 17.0674, 23.6574

Rectangle

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



17.9085, 17.0674, 15.1824



16.2990, 17.0674, 13.2750



14.6449, 17.0674, 22.4580



16.1453, 17.0674, 25.1466

Sweetspot

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



17.9090, 17.0682, 15.1828



38.1870, 39.1434, 40.4914



18.8134, 16.4401, 22.9973



8.7988, 9.0026, 9.2785



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.9090, 17.0682, 15.1828



30.4970, 28.3356, 23.8328



19.7568, 20.7639, 15.7987



4.7381, 4.8197, 4.9099



9.5484, 5.4194, 0.5428



0.0371, 0.0268, 0.0032

Inverse Universe

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



17.8168, 20.3329, 25.9075



30.3024, 35.1513, 46.2361



15.8869, 16.4731, 25.2642



4.7294, 5.1344, 5.9425



9.1513, 11.8503, 22.9417



0.0365, 0.0506, 0.0811

Previews

White Background



This preview shows how the XYZ color 17.9085, 17.0674, 15.1824 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 17.9085, 17.0674, 15.1824 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 17.9085, 17.0674, 15.1824

Background



This preview shows how black text looks on a background with the XYZ color 17.9085, 17.0674, 15.1824.

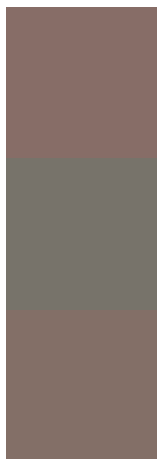


This preview shows how white text looks on a background with the XYZ color 17.9085, 17.0674,

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

17.9085, 17.0674, 15.1824

Protanopia

16.3400, 17.2240, 16.0990

Deuteranopia

17.4927, 17.1734, 15.2248



Tritanopia

18.5055, 16.9874, 18.5232

Trichromacy



Original Color

17.9085, 17.0674, 15.1824

Protanomaly

16.9124, 17.1901, 15.7913

Deuteranomaly

17.5398, 17.0367, 15.1959

Tritanomaly

18.3851, 17.1071, 17.3719

Monochromacy



Original Color

17.9085, 17.0674, 15.1824

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9427, 17.1689, 17.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9085, 17.0674, 15.1824 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(135, 109, 103)` looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 103)  
}
```

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(135, 109, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.9085, 17.0674, 15.1824 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(135, 109, 103) }
```


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

```
.border{ border-color:rgb(135, 109, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 109, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 109, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 109, 103); box-shadow:4px 4px 4px 4px rgb(135, 109, 103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9085, 17.0674, 15.1824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 109, 103) }
```

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

```
.background{ background-color: rgb(135,  
109, 103) }
```

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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