

Converting Colors

XYZ(16.8696, 15.2095, 9.9477)

Have a look what the booklet for
XYZ(16.8696, 15.2095, 9.9477)
contains.

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Color

**XYZ(16.8000, 15.1083,
10.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6352
RGB	140, 99, 82
RGB Percent	55%, 39%, 32%
CMY	0.4510, 0.6117, 0.6784
CMYK	0.00, 0.29, 0.41, 0.45
HSL	18°, 26%, 44%
HSV	18°, 41%, 55%
XYZ	16.8000, 15.1083, 10.0134
YIQ	109.3210, 29.8930, 3.4050

Conversions

Conversions Part 2

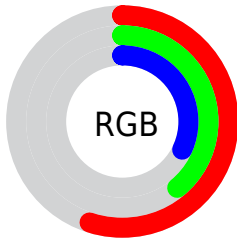
Format	Color
R_{YB}	140, 106, 82
Decimal	9200466
CIE _{Lab}	45.78, 14.30, 16.25
CIE _{LCh}	46, 21.644, 48.641
Yxy	15.1083, 0.4007, 0.3604
Android (android.graphics.Color)	4287390546 (0xFF8C6352)
YUV	109.3210, -13.4693, 26.9055
Hunter-Lab	38.8694, 9.1292, 11.9345

Details

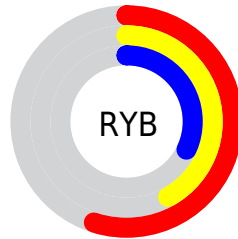
The XYZ color **16.8000, 15.1083, 10.0134** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.2959, 17.8525, 27.4505**, and the grayscale version is **14.6585, 15.4219, 16.7944**.

A 20% lighter version of the original color is **37.5088, 35.0535, 26.2618**, and **5.5864, 4.6643, 2.3561** is the 20% darker color. If you saturate the color by 10%, you get **15.4400, 13.1555, 7.1945**, and if you desaturate by 10%, it is **18.3844, 17.3358, 13.4437**.

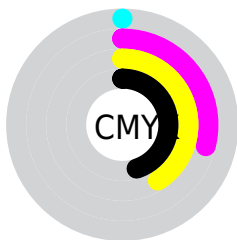
Distribution



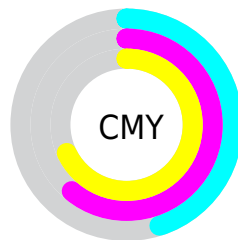
- Red (55%)
- Green (39%)
- Blue (32%)



- Red (55%)
- Yellow (42%)
- Blue (32%)



- Cyan (0%)
- Magenta (29%)
- Yellow (41%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8000, 15.1083, 10.0134 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 16.8000, 15.1083, 10.0134 by changing the saturation by 10% instead.

■ 16.8000, 15.1083,
10.0134

■ 16.8000, 15.1083,
10.0134

227.1960,
224.0208, 201.2560

■ 10.1864, 8.8954,
5.3021

■ 37.5279, 35.0431,
26.4289

■ 5.5859, 4.6730,
2.3638

■ 52.3730, 49.5337,
38.9702

■ 2.6332, 2.0567,
0.7666

■ 70.6926, 67.5525,
54.9586

■ 0.9629, 0.6401,
0.0000

■ 92.8520, 89.4837,
74.8127

■ 0.0000, 0.0000,
0.0000

■ 119.2168,
115.7117, 98.9509

150.1521,

146.6210, 127.7918

186.0234,
182.5959, 161.7540

■ 16.8000, 15.1083,
10.0134

■ 16.8000, 15.1083,
10.0134

■ 15.4400, 13.1555,
7.1945

■ 18.3844, 17.3358,
13.4437

■ 14.2924, 11.4644,
4.9497

■ 20.2022, 19.8462,
17.5180

■ 13.3458, 10.0239,
3.2390

■ 22.2629, 22.6499,
22.2676

■ 12.5873, 8.8214,
2.0166

■ 24.5756, 25.7562,
27.7213

■ 12.0019, 7.8428,
1.2291

■ 27.1485, 29.1740,
33.9064

■ 11.6096, 7.1642,
0.7709

■ 29.9897, 32.9116,
40.8487

■ 33.1067, 36.9773,
48.5728

■ 36.5071, 41.3789,
57.1022

■ 40.1976, 46.1240,
66.4591

Harmonies

Analogous

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



17.9396, 15.1083, 13.4488



16.8000, 15.1083, 10.0134



15.0607, 15.1083, 8.4477

Triad

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



16.8000, 15.1083, 10.0134



11.1935, 15.1083, 14.5535



15.5085, 15.1083, 27.8984

Complementary

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



16.8000, 15.1083, 10.0134



15.2959, 17.8525, 27.4505

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.



13.6814, 15.1083, 28.3698



16.8000, 15.1083, 10.0134



11.2913, 15.1083, 19.8682

Square

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



16.8000, 15.1083, 10.0134



11.8890, 15.1083, 10.6743



12.1685, 15.1083, 25.1830



17.1516, 15.1083, 24.0056

Rectangle

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



16.8000, 15.1083, 10.0134



13.8403, 15.1083, 8.3949



12.1685, 15.1083, 25.1830



14.8925, 15.1083, 28.4887

Sweetspot

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



16.8004, 15.1090, 10.0137



38.9345, 39.5053, 38.5217



17.4433, 13.0545, 20.5258



8.8746, 8.9719, 8.6512



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.8004, 15.1090, 10.0137



27.3043, 23.3143, 12.8514



19.9836, 21.4755, 11.0748



5.1446, 5.2721, 5.2989



10.3312, 6.3967, 0.6902



0.0801, 0.0654, 0.0084

Inverse Universe

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



15.2959, 17.8525, 27.4505



24.2536, 28.8189, 48.0273



12.2667, 11.7940, 26.4408



5.0511, 5.4451, 6.3906



8.1845, 9.6394, 23.4749



0.0671, 0.0894, 0.1602

Previews

White Background



This preview shows how the XYZ color 16.8000, 15.1083, 10.0134 looks on a white background.

Color Contrast Check

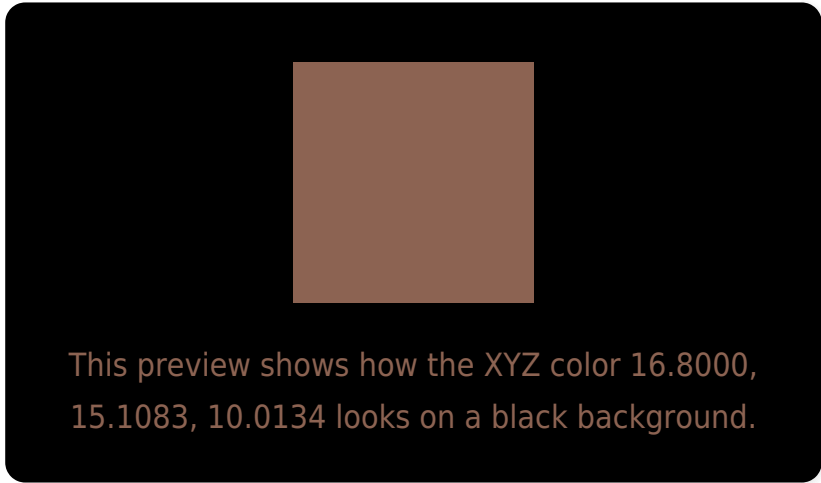
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 16.8000, 15.1083, 10.0134

Background



This preview shows how black text looks on a background with the XYZ color 16.8000, 15.1083, 10.0134.



This preview shows how white text looks on a background with the XYZ color 16.8000, 15.1083,

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

16.8000, 15.1083, 10.0134

Protanopia

14.3508, 15.3222, 11.0052

Deuteranopia

15.3376, 15.0839, 9.8877



Tritanopia

17.7864, 15.0958, 14.8083

Trichromacy



Original Color

16.8000, 15.1083, 10.0134

Protanomaly

15.1487, 15.1190, 10.7142

Deuteranomaly

15.7523, 15.0024, 9.8501

Tritanomaly

17.3248, 15.0383, 12.8160

Monochromacy



Original Color

16.8000, 15.1083, 10.0134

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.0494, 14.9971, 13.9059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8000, 15.1083, 10.0134 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(140, 99, 82)` looks like.

```
.text, #text, p{  
    color:rgb(140, 99, 82)  
}
```

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(140, 99, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 99, 82) }
```

Border

The CSS property to change the border of an element to XYZ 16.8000, 15.1083, 10.0134 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(140, 99, 82) }
```


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

```
.border{ border-color:rgb(140, 99, 82) }
```

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

Here you see how a box with a 4 pixel rgb(140, 99, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 99, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 99, 82);  
box-shadow:4px 4px 4px 4px rgb(140, 99,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8000, 15.1083, 10.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 99, 82) }
```

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

```
.background{ background-color: rgb(140, 99,  
82) }
```

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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