

Converting Colors

XYZ(18.0000, 14.2794, 9.9911)

Have a look what the booklet for
XYZ(18.0000, 14.2794, 9.9911)
contains.

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Color

**XYZ(18.0000, 14.2794,
9.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	985853
RGB	152, 88, 83
RGB Percent	60%, 35%, 33%
CMY	0.4039, 0.6549, 0.6745
CMYK	0.00, 0.42, 0.45, 0.40
HSL	4°, 29%, 46%
HSV	4°, 45%, 60%
XYZ	18.0000, 14.2794, 9.9911
YIQ	106.5660, 39.7490, 12.0130

Conversions

Conversions Part 2

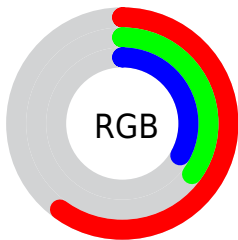
Format	Color
R_{YB}	152, 88, 83
Decimal	9984083
CIE _{Lab}	44.63, 25.79, 14.33
CIE _{LCh}	45, 29.504, 29.053
Yxy	14.2794, 0.4258, 0.3378
Android (android.graphics.Color)	4288174163 (0xFF985853)
YUV	106.5660, -11.6180, 39.8456
Hunter-Lab	37.7881, 18.8976, 10.7755

Details

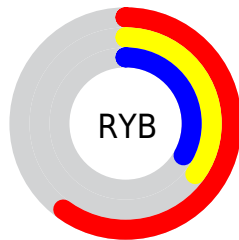
The XYZ color **18.0000, 14.2794, 9.9911** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6680, 24.9724, 33.4894**, and the grayscale version is **13.8789, 14.6017, 15.9012**.

A 20% lighter version of the original color is **39.6920, 33.6865, 26.2399**, and **6.1798, 4.3225, 2.3423** is the 20% darker color. If you saturate the color by 10%, you get **16.4288, 11.9754, 6.8826**, and if you desaturate by 10%, it is **19.9244, 17.0839, 13.8524**.

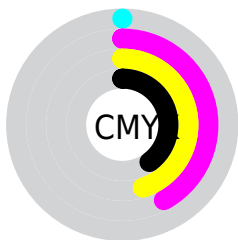
Distribution



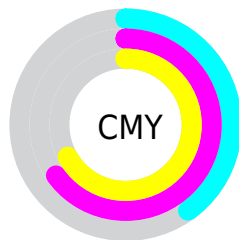
- Red (60%)
- Green (35%)
- Blue (33%)



- Red (60%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (42%)
- Yellow (45%)
- Black (40%)





- Cyan (40%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0000, 14.2794, 9.9911 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 18.0000, 14.2794, 9.9911 by changing the saturation by 10% instead.


 18.0000, 14.2794,
9.9911


 18.0000, 14.2794,
9.9911


233.9166,
218.9621, 201.0910


 11.0497, 8.3152,
5.2875


 39.5674, 33.5840,
26.3863


 6.1678, 4.2973,
2.3553


 54.9152, 47.6932,
38.9150


 2.9890, 1.8412,
0.7619

 73.7929, 65.2862,
54.8892

 1.1480, 0.5127,
0.0000

 96.5657, 86.7474,
74.7274

 0.0647, 0.0000,
0.0000

 123.5992,
112.4612, 98.8482

 0.0000, 0.0000,
0.0000

155.2586,

142.8120, 127.6700

191.9093,
178.1842, 161.6114

■ 18.0000, 14.2794,
9.9911

■ 18.0000, 14.2794,
9.9911

■ 16.4288, 11.9754,
6.8826

■ 19.9244, 17.0839,
13.8524

■ 15.1882, 10.1405,
4.4770

■ 22.2206, 20.4136,
18.5104

■ 14.2549, 8.7430,
2.7197

■ 24.9072, 24.2943,
24.0065

■ 13.6018, 7.7464,
1.5476

■ 28.0010, 28.7494,
30.3792

■ 13.1958, 7.1078,
0.8775

■ 31.5181, 33.8009,
37.6643

■ 13.0689, 6.9153,
0.6460

■ 35.4737, 39.4697,
45.8959

■ 39.8821, 45.7756,
55.1061

■ 44.7571, 52.7377,
65.3257

■ 50.1118, 60.3741,
76.5841

Harmonies

Analogous

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



18.7065, 14.2794, 15.7664



18.0000, 14.2794, 9.9911



16.0758, 14.2794, 6.7698

Triad

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



18.0000, 14.2794, 9.9911



9.9992, 14.2794, 9.7131



13.4963, 14.2794, 32.7744

Complementary

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



18.0000, 14.2794, 9.9911



19.6680, 24.9724, 33.4894

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.



11.3429, 14.2794, 29.7917



18.0000, 14.2794, 9.9911



9.4754, 14.2794, 15.3313

Square

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



18.0000, 14.2794, 9.9911



11.4601, 14.2794, 6.6456



9.9374, 14.2794, 22.8570



15.9290, 14.2794, 30.1286

Rectangle

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



18.0000, 14.2794, 9.9911



14.4639, 14.2794, 5.8736



9.9374, 14.2794, 22.8570



12.7178, 14.2794, 32.3851

Sweetspot

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



18.0004, 14.2801, 9.9914



44.5399, 43.7130, 43.5577



21.3402, 14.9812, 29.5356



9.8911, 9.6005, 9.4233



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.



18.0004, 14.2801, 9.9914



29.0839, 21.2636, 12.3161



21.4822, 21.2437, 11.1520



6.2430, 6.2911, 6.4911



10.9678, 5.8180, 0.5449



0.1724, 0.1037, 0.0109

Inverse Universe

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



19.6680, 24.9724, 33.4894



32.3762, 42.4408, 58.9192



15.1289, 15.8941, 31.9763



6.3462, 6.9499, 7.9359



12.7453, 17.8873, 27.6885



0.2004, 0.2871, 0.4172

Previews

White Background



This preview shows how the XYZ color 18.0000, 14.2794, 9.9911 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 18.0000, 14.2794, 9.9911 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 18.0000, 14.2794, 9.9911

Background



This preview shows how black text looks on a background with the XYZ color 18.0000, 14.2794, 9.9911.



This preview shows how white text looks on a background with the XYZ color 18.0000, 14.2794,

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

18.0000, 14.2794, 9.9911

Protanopia

13.6413, 14.4603, 12.1974

Deuteranopia

14.6940, 14.4568, 9.8006



Tritanopia

18.5208, 14.3790, 12.1552

Trichromacy



Original Color

18.0000, 14.2794, 9.9911

Protanomaly

14.8692, 14.0806, 11.3853

Deuteranomaly

15.7894, 14.3095, 9.9125

Tritanomaly

18.3482, 14.3100, 11.2462

Monochromacy



Original Color

18.0000, 14.2794, 9.9911

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.9302, 14.2071, 13.5106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0000, 14.2794, 9.9911 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, 88, 83)` looks like.

```
.text, #text, p{  
    color:rgb(152, 88, 83)  
}
```

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, 88, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 88, 83) }
```

Border

The CSS property to change the border of an element to XYZ 18.0000, 14.2794, 9.9911 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, 88, 83) }
```


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

```
.border{ border-color:rgb(152, 88, 83) }
```

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

Here you see how a box with a 4 pixel rgb(152, 88, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 88, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 88, 83);  
box-shadow:4px 4px 4px 4px rgb(152, 88,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0000, 14.2794, 9.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 88, 83) }
```

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

```
.background{ background-color: rgb(152, 88,  
83) }
```

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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