

Converting Colors

XYZ(17.8780, 14.5907, 10.0574)

Have a look what the booklet for
XYZ(17.8780, 14.5907, 10.0574)
contains.

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Color

**XYZ(17.8801, 14.5907,
10.0575)**

Conversions

Conversions Part 1

Format	Color
Hex	965B53
RGB	150, 91, 83
RGB Percent	59%, 36%, 33%
CMY	0.4118, 0.6431, 0.6745
CMYK	0.00, 0.39, 0.45, 0.41
HSL	7°, 29%, 46%
HSV	7°, 45%, 59%
XYZ	17.8801, 14.5907, 10.0575
YIQ	107.7290, 37.7320, 10.0200

Conversions

Conversions Part 2

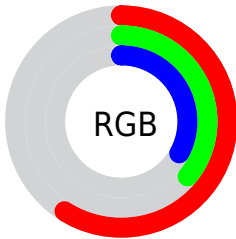
Format	Color
R_{YB}	150, 92, 83
Decimal	9853779
CIE _{Lab}	45.07, 23.27, 14.88
CIE _{LCh}	45, 27.619, 32.605
Yxy	14.5907, 0.4204, 0.3431
Android (android.graphics.Color)	4288043859 (0xFF965B53)
YUV	107.7290, -12.1914, 37.0717
Hunter-Lab	38.1978, 16.7084, 11.1273

Details

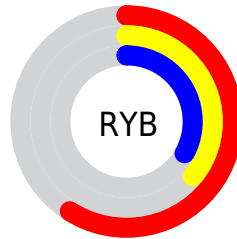
The XYZ color **17.8801, 14.5907, 10.0575** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.7449, 23.3861, 32.3802**, and the grayscale version is **14.2039, 14.9437, 16.2736**.

A 20% lighter version of the original color is **39.2915, 34.1338, 26.3474**, and **6.0744, 4.4281, 2.3683** is the 20% darker color. If you saturate the color by 10%, you get **16.3310, 12.3212, 6.9864**, and if you desaturate by 10%, it is **19.7540, 17.3093, 13.8553**.

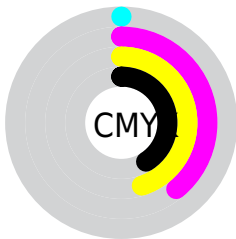
Distribution



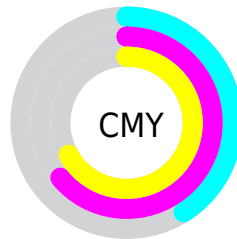
- Red (59%)
- Green (36%)
- Blue (33%)



- Red (59%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (39%)
- Yellow (45%)
- Black (41%)



- Cyan (41%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8801, 14.5907, 10.0575 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 17.8801, 14.5907, 10.0575 by changing the saturation by 10% instead.

■ 17.8801, 14.5907,
10.0575

■ 17.8801, 14.5907,
10.0575

233.2530,
220.8753, 201.5817

■ 10.9631, 8.5326,
5.3310

■ 39.3646, 34.1335,
26.5131

■ 6.1091, 4.4376,
2.3806

■ 54.6628, 48.3871,
39.0793

■ 2.9528, 1.9212,
0.7759

■ 73.4855, 66.1413,
55.0958

■ 1.1289, 0.5611,
0.0000

■ 96.1980, 87.7805,
74.9811

■ 0.0491, 0.0000,
0.0000

■ 123.1656,
113.6891, 99.1538

■ 0.0000, 0.0000,
0.0000

154.7537,

144.2515, 128.0324

191.3278,
179.8521, 162.0356

■ 17.8801, 14.5907,
10.0575

■ 17.8801, 14.5907,
10.0575

■ 16.3310, 12.3212,
6.9864

■ 19.7540, 17.3093,
13.8553

■ 15.0870, 10.4745,
4.5948

■ 21.9687, 20.4971,
18.4214

■ 14.1280, 9.0249,
2.8311

■ 24.5405, 24.1756,
23.7953

■ 13.4309, 7.9431,
1.6359

■ 27.4842, 28.3643,
30.0132

■ 12.9684, 7.1952,
0.9351

■ 30.8139, 33.0819,
37.1095

■ 12.7927, 6.9140,
0.6603

■ 34.5428, 38.3457,
45.1164

■ 38.6837, 44.1726,
54.0647

■ 43.2486, 50.5785,
63.9836

■ 48.2491, 57.5789,
74.9010

Harmonies

Analogous

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



18.7020, 14.5907, 15.3254



17.8801, 14.5907, 10.0575



15.9752, 14.5907, 7.1712

Triad

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



17.8801, 14.5907, 10.0575



10.3421, 14.5907, 10.8006



14.0673, 14.5907, 31.9347

Complementary

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



17.8801, 14.5907, 10.0575



18.7449, 23.3861, 32.3802

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.



11.9548, 14.5907, 29.7727



17.8801, 14.5907, 10.0575



9.9483, 14.5907, 16.4617

Square

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



17.8801, 14.5907, 10.0575



11.6463, 14.5907, 7.5108



10.5061, 14.5907, 23.6205



16.3558, 14.5907, 28.9175

Rectangle

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



17.8801, 14.5907, 10.0575



14.4375, 14.5907, 6.4342



10.5061, 14.5907, 23.6205



13.3137, 14.5907, 31.7898

Sweetspot

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



17.8805, 14.5914, 10.0578



44.0008, 43.6516, 43.4490



20.5673, 14.6292, 27.4032



9.5315, 9.3605, 9.1671



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.8805, 14.5914, 10.0578



28.7232, 21.6005, 12.1393



21.3865, 21.6035, 11.2265



5.8533, 5.9204, 6.0747



10.6237, 5.7617, 0.5522



0.1409, 0.0923, 0.0104

Inverse Universe

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



18.7449, 23.3861, 32.3802



30.4339, 39.1867, 56.8810



14.5073, 14.9110, 30.9677



5.9056, 6.4452, 7.4025



11.4337, 15.5622, 26.3322



0.1534, 0.2173, 0.3268

Previews

White Background



This preview shows how the XYZ color 17.8801, 14.5907, 10.0575 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 17.8801, 14.5907, 10.0575 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 17.8801, 14.5907, 10.0575

Background



This preview shows how black text looks on a background with the XYZ color 17.8801, 14.5907, 10.0575.



This preview shows how white text looks on a background with the XYZ color 17.8801, 14.5907,

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

17.8801, 14.5907, 10.0575

Protanopia

13.9132, 14.7643, 11.7893

Deuteranopia

14.9396, 14.7302, 9.8404



Tritanopia

18.4462, 14.5686, 12.9061

Trichromacy



Original Color

17.8801, 14.5907, 10.0575

Protanomaly

14.9782, 14.4311, 11.0129

Deuteranomaly

15.9765, 14.6838, 9.9748

Tritanomaly

18.3070, 14.6470, 11.7598

Monochromacy



Original Color

17.8801, 14.5907, 10.0575

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1719, 14.6145, 13.8256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8801, 14.5907, 10.0575 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(150, 91, 83)` looks like.

```
.text, #text, p{  
    color:rgb(150, 91, 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(150, 91, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 91, 83) }
```

Border

The CSS property to change the border of an element to XYZ 17.8801, 14.5907, 10.0575 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(150, 91, 83) }
```


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

```
.border{ border-color:rgb(150, 91, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 91, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 91, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 91, 83);  
box-shadow:4px 4px 4px 4px rgb(150, 91,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8801, 14.5907, 10.0575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 91, 83) }
```

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

```
.background{ background-color: rgb(150, 91,  
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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