

Converting Colors

XYZ(18.1569, 14.6539, 13.7095)

Have a look what the booklet for
XYZ(18.1569, 14.6539, 13.7095)
contains.

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Color

**XYZ(18.2060, 14.6789,
13.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	945B63
RGB	148, 91, 99
RGB Percent	58%, 36%, 39%
CMY	0.4196, 0.6431, 0.6118
CMYK	0.00, 0.39, 0.33, 0.42
HSL	352°, 24%, 47%
HSV	352°, 39%, 58%
XYZ	18.2060, 14.6789, 13.6781
YIQ	108.9550, 31.4040, 14.5720

Conversions

Conversions Part 2

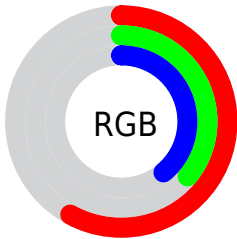
Format	Color
R_{YB}	148, 91, 99
Decimal	9722723
CIE Lab	45.19, 24.47, 5.34
CIE LCh	45, 25.043, 12.304
Yxy	14.6789, 0.3910, 0.3152
Android (android.graphics.Color)	4287912803 (0xFF945B63)
YUV	108.9550, -4.9078, 34.2425
Hunter-Lab	38.3131, 17.7737, 5.6521

Details

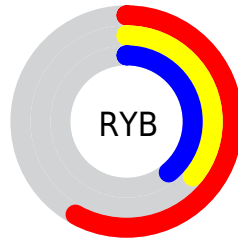
The XYZ color **18.2060, 14.6789, 13.6781** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6386, 25.2979, 28.6603**, and the grayscale version is **14.5306, 15.2874, 16.6479**.

A 20% lighter version of the original color is **40.0799, 34.3854, 33.3788**, and **6.2626, 4.4913, 3.9050** is the 20% darker color. If you saturate the color by 10%, you get **16.5022, 12.1693, 10.3419**, and if you desaturate by 10%, it is **20.2560, 17.7273, 17.6029**.

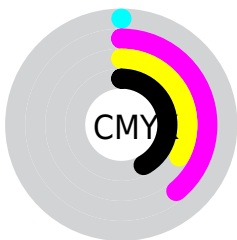
Distribution



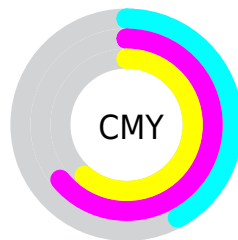
- Red (58%)
- Green (36%)
- Blue (39%)



- Red (58%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (39%)
- Yellow (33%)
- Black (42%)



- Cyan (42%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2060, 14.6789, 13.6781 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 18.2060, 14.6789, 13.6781 by changing the saturation by 10% instead.

■ 18.2060, 14.6789,
13.6781

■ 18.2060, 14.6789,
13.6781

235.0528,
221.4144, 226.5773

■ 11.1986, 8.5943,
7.7609

■ 39.9154, 34.2889,
33.2256

■ 6.2688, 4.4775,
3.8568

■ 55.3480, 48.5831,
47.6931

■ 3.0514, 1.9441,
1.5471

■ 74.3198, 66.3827,
65.8477

■ 1.1810, 0.5747,
0.2527

■ 97.1960, 88.0719,
88.1080

■ 0.0913, 0.0000,
0.0000

124.3421,
114.0354, 114.8926

■ 0.0000, 0.0000,
0.0000

156.1233,

144.6573, 146.6200

192.9051,
180.3222, 183.7087

■ 18.2060, 14.6789,
13.6781

■ 18.2060, 14.6789,
13.6781

■ 16.5022, 12.1693,
10.3419

■ 20.2560, 17.7273,
17.6029

■ 15.1242, 10.1651,
7.5649

■ 22.6686, 21.3412,
22.1420

■ 14.0513, 8.6325,
5.3166

■ 25.4609, 25.5479,
27.3206

■ 13.2598, 7.5327,
3.5629

■ 28.6483, 30.3724,
33.1623

■ 12.7224, 6.8206,
2.2660

■ 32.2454, 35.8383,
39.6893

■ 12.3880, 6.4043,
1.3761

■ 36.2660, 41.9680,
46.9229

■ 12.3460, 6.3492,
1.2729

■ 40.7235, 48.7826,
54.8836

■ 45.6304, 56.3025,
63.5908

■ 50.9988, 64.5472,
73.0633

Harmonies

Analogous

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



18.0907, 14.6789, 19.6981



18.2060, 14.6789, 13.6781



17.1023, 14.6789, 9.4811

Triad

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



18.2060, 14.6789, 13.6781



11.4443, 14.6789, 8.9565



12.7784, 14.6789, 29.4626

Complementary

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



18.2060, 14.6789, 13.6781



19.6386, 25.2979, 28.6603

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.



11.2142, 14.6789, 24.9323



18.2060, 14.6789, 13.6781



10.4980, 14.6789, 12.7668

Square

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



18.2060, 14.6789, 13.6781



13.1220, 14.6789, 7.2423



10.4181, 14.6789, 18.5329



14.8160, 14.6789, 29.8812

Rectangle

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



18.2060, 14.6789, 13.6781



15.8817, 14.6789, 7.8750



10.4181, 14.6789, 18.5329



12.1851, 14.6789, 28.3267

Sweetspot

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



18.2064, 14.6796, 13.6784



43.0072, 42.1851, 44.6643



19.8097, 15.1488, 29.8971



9.6871, 9.4333, 9.9541



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.



18.2064, 14.6796, 13.6784



29.5567, 22.1162, 19.1178



19.7806, 18.4099, 12.4093



5.8320, 5.8279, 6.2214



10.5520, 5.4258, 1.1217



0.1355, 0.0690, 0.0473

Inverse Universe

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



18.2064, 14.6796, 13.6784



29.5567, 22.1162, 19.1178



17.3860, 19.8143, 30.9254



5.8320, 5.8279, 6.2214



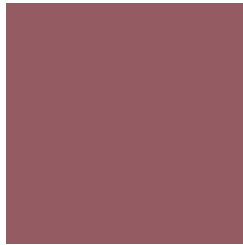
10.5520, 5.4258, 1.1217



0.1355, 0.0690, 0.0473

Previews

White Background



This preview shows how the XYZ color 18.2060, 14.6789, 13.6781 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 18.2060, 14.6789, 13.6781 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 18.2060, 14.6789, 13.6781

Background



This preview shows how black text looks on a background with the XYZ color 18.2060, 14.6789, 13.6781.



This preview shows how white text looks on a background with the XYZ color 18.2060, 14.6789,

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

18.2060, 14.6789, 13.6781

Protanopia

14.2711, 14.8493, 16.3014

Deuteranopia

15.1340, 14.9013, 13.3878



Tritanopia

18.1584, 14.6599, 13.4279

Trichromacy



Original Color

18.2060, 14.6789, 13.6781

Protanomaly

15.3719, 14.5382, 15.3606

Deuteranomaly

16.0265, 14.6308, 13.5346

Tritanomaly

18.1584, 14.6599, 13.4279

Monochromacy



Original Color

18.2060, 14.6789, 13.6781

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4696, 14.7336, 15.3931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2060, 14.6789, 13.6781 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(148, 91, 99)` looks like.

```
.text, #text, p{  
    color:rgb(148, 91, 99)  
}
```

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(148, 91, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 91, 99) }
```

Border

The CSS property to change the border of an element to XYZ 18.2060, 14.6789, 13.6781 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(148, 91, 99) }
```


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

```
.border{ border-color:rgb(148, 91, 99) }
```

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

Here you see how a box with a 4 pixel rgb(148, 91, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 91, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 91, 99);  
box-shadow:4px 4px 4px 4px rgb(148, 91,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2060, 14.6789, 13.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 91, 99) }
```

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

```
.background{ background-color: rgb(148, 91,  
99) }
```

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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