

Converting Colors

XYZ(18.4253, 14.9383, 12.8836)

Have a look what the booklet for
XYZ(18.4253, 14.9383, 12.8836)
contains.

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Color

**XYZ(18.5161, 14.9829,
12.9824)**

Conversions

Conversions Part 1

Format	Color
Hex	965C60
RGB	150, 92, 96
RGB Percent	59%, 36%, 38%
CMY	0.4118, 0.6392, 0.6235
CMYK	0.00, 0.39, 0.36, 0.41
HSL	356°, 24%, 47%
HSV	356°, 39%, 59%
XYZ	18.5161, 14.9829, 12.9824
YIQ	109.7980, 33.2840, 13.5400

Conversions

Conversions Part 2

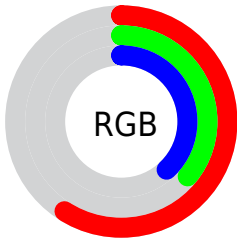
Format	Color
R_{YB}	150, 92, 96
Decimal	9854048
CIE _{Lab}	45.61, 24.29, 7.79
CIE _{LCh}	46, 25.505, 17.779
Yxy	14.9829, 0.3984, 0.3223
Android (android.graphics.Color)	4288044128 (0xFF965C60)
YUV	109.7980, -6.8024, 35.2572
Hunter-Lab	38.7078, 17.6481, 7.2098

Details

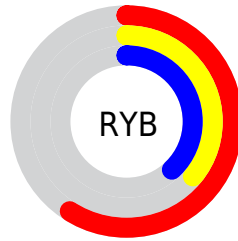
The XYZ color **18.5161, 14.9829, 12.9824** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5090, 26.1635, 31.1647**, and the grayscale version is **14.7757, 15.5452, 16.9288**.

A 20% lighter version of the original color is **40.4644, 34.8421, 31.7866**, and **6.4439, 4.6484, 3.5752** is the 20% darker color. If you saturate the color by 10%, you get **16.7561, 12.4021, 9.5002**, and if you desaturate by 10%, it is **20.6485, 18.1254, 17.1527**.

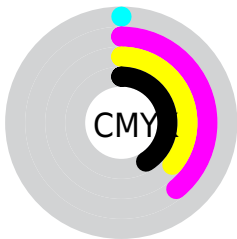
Distribution



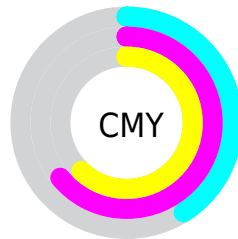
- Red (59%)
- Green (36%)
- Blue (38%)



- Red (59%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (36%)
- Black (41%)



- Cyan (41%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5161, 14.9829, 12.9824 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 18.5161, 14.9829, 12.9824 by changing the saturation by 10% instead.

■ 18.5161, 14.9829,
12.9824

■ 18.5161, 14.9829,
12.9824

236.7539,
223.2627, 222.0087

■ 11.4231, 8.8074,
7.2858

■ 40.4380, 34.8232,
31.9629

■ 6.4215, 4.6158,
3.5604

■ 55.9976, 49.2567,
46.0839

■ 3.1461, 2.0236,
1.3874

■ 75.1102, 67.2118,
63.8501

■ 1.2315, 0.6211,
0.1319

■ 98.1410, 89.0726,
85.6801

■ 0.1310, 0.0000,
0.0000

125.4554,
115.2238, 111.9925

■ 0.0000, 0.0000,
0.0000

157.4188,

146.0496, 143.2056

194.3965,
181.9344, 179.7382

■ 18.5161, 14.9829,
12.9824

■ 18.5161, 14.9829,
12.9824

■ 16.7561, 12.4021,
9.5002

■ 20.6485, 18.1254,
17.1527

■ 15.3459, 10.3479,
6.6682

■ 23.1716, 21.8577,
22.0444

■ 14.2625, 8.7847,
4.4464


■ 26.1041, 26.2087,
27.6897


■ 13.4795, 7.6714,
2.7898


■ 29.4631, 31.2045,
34.1186


■ 12.9665, 6.9604,
1.6473

■ 33.2647, 36.8701,
41.3594


 12.6670, 6.5546,
0.9519

 37.5242, 43.2288,
49.4391

 12.6342, 6.5066,
0.8868

 42.2561, 50.3030,
58.3834

 47.4744, 58.1140,
68.2168

 53.1923, 66.6823,
78.9630

Harmonies

Analogous

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



18.6390, 14.9829, 18.9299



18.5161, 14.9829, 12.9824



17.1798, 14.9829, 9.0673

Triad

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



18.5161, 14.9829, 12.9824



11.4132, 14.9829, 9.6229



13.3898, 14.9829, 30.7041

Complementary

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



18.5161, 14.9829, 12.9824



20.5090, 26.1635, 31.1647

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.



11.6577, 14.9829, 26.6550



18.5161, 14.9829, 12.9824



10.5954, 14.9829, 13.9506

Square

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



18.5161, 14.9829, 12.9824



13.0243, 14.9829, 7.4875



10.6801, 14.9829, 20.1714



15.5307, 14.9829, 30.2567

Rectangle

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



18.5161, 14.9829, 12.9824



15.8495, 14.9829, 7.6744



10.6801, 14.9829, 20.1714



12.7448, 14.9829, 29.7889

Sweetspot

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



18.5165, 14.9836, 12.9827



44.1342, 43.3809, 45.1507



21.0390, 15.8920, 30.8126



9.6488, 9.4180, 9.7521



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.



18.5165, 14.9836, 12.9827



30.0710, 22.6185, 17.7605



20.7745, 19.7866, 12.8506



5.8160, 5.8215, 6.1375



10.4836, 5.3985, 0.7619



0.1315, 0.0674, 0.0263

Inverse Universe

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



18.5165, 14.9836, 12.9827



30.0710, 22.6185, 17.7605



17.3589, 19.3571, 31.6754



5.8160, 5.8215, 6.1375



10.4836, 5.3985, 0.7619



0.1315, 0.0674, 0.0263

Previews

White Background



This preview shows how the XYZ color 18.5161, 14.9829, 12.9824 looks on a white background.

Color Contrast Check

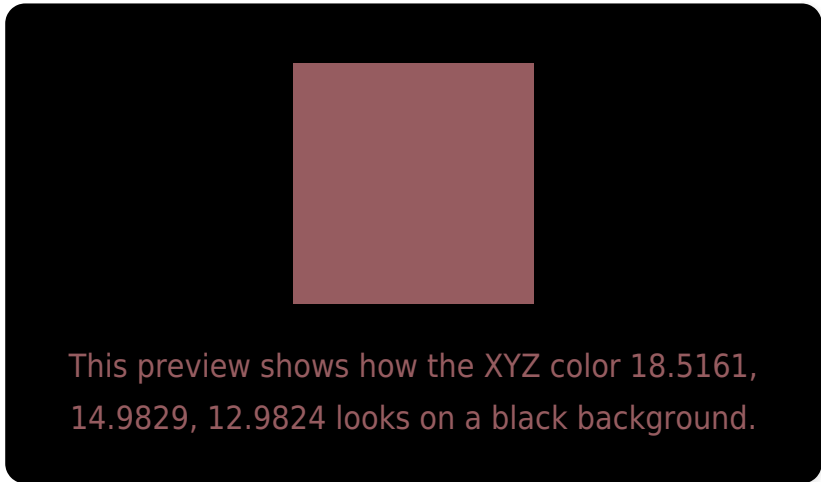
Large Text (above 18pt) WCAG AA ✓ Pass

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

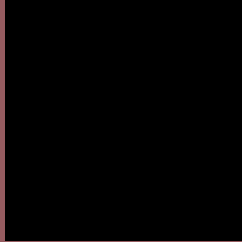
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5161, 14.9829, 12.9824

Background



This preview shows how black text looks on a background with the XYZ color 18.5161, 14.9829, 12.9824.



This preview shows how white text looks on a background with the XYZ color 18.5161, 14.9829,

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

18.5161, 14.9829, 12.9824

Protanopia

14.4168, 15.1041, 15.2522

Deuteranopia

15.2829, 14.9939, 12.6783



Tritanopia

18.6094, 15.0202, 13.4736

Trichromacy



Original Color

18.5161, 14.9829, 12.9824

Protanomaly

15.5578, 14.8023, 14.3491

Deuteranomaly

16.2956, 14.9271, 12.8488

Tritanomaly

18.5625, 15.0014, 13.2265

Monochromacy



Original Color

18.5161, 14.9829, 12.9824

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.8575, 15.0804, 15.4396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5161, 14.9829, 12.9824 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, 92, 96)` looks like.

```
.text, #text, p{  
    color:rgb(150, 92, 96)  
}
```

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, 92, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 92, 96) }
```

Border

The CSS property to change the border of an element to XYZ 18.5161, 14.9829, 12.9824 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, 92, 96) }
```


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

```
.border{ border-color:rgb(150, 92, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 92, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 92, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 92, 96);  
box-shadow:4px 4px 4px 4px rgb(150, 92,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5161, 14.9829, 12.9824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 92, 96) }
```

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

```
.background{ background-color: rgb(150, 92,  
96) }
```

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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