

Converting Colors

XYZ(19.0007, 15.6203, 13.3898)

Have a look what the booklet for
XYZ(19.0007, 15.6203, 13.3898)
contains.

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Color

**XYZ(19.0124, 15.6268,
13.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	975F61
RGB	151, 95, 97
RGB Percent	59%, 37%, 38%
CMY	0.4078, 0.6274, 0.6196
CMYK	0.00, 0.37, 0.36, 0.41
HSL	358°, 23%, 48%
HSV	358°, 37%, 59%
XYZ	19.0124, 15.6268, 13.3235
YIQ	111.9720, 32.7340, 12.4940

Conversions

Conversions Part 2

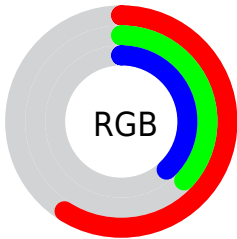
Format	Color
R_{YB}	151, 95, 97
Decimal	9920353
CIE Lab	46.48, 23.10, 8.43
CIE LCh	46, 24.594, 20.054
Yxy	15.6268, 0.3964, 0.3258
Android (android.graphics.Color)	4288110433 (0xFF975F61)
YUV	111.9720, -7.3812, 34.2276
Hunter-Lab	39.5307, 16.6712, 7.6883

Details

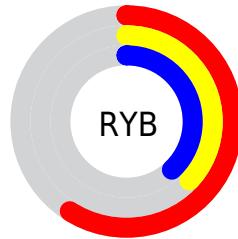
The XYZ color **19.0124, 15.6268, 13.3235** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2115, 26.7364, 32.4779**, and the grayscale version is **15.4075, 16.2099, 17.6526**.

A 20% lighter version of the original color is **41.3563, 35.9613, 32.7785**, and **6.6915, 4.9496, 3.7347** is the 20% darker color. If you saturate the color by 10%, you get **17.1639, 12.9185, 9.6595**, and if you desaturate by 10%, it is **21.2500, 18.9138, 17.7325**.

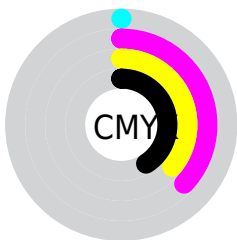
Distribution



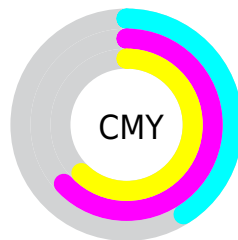
- Red (59%)
- Green (37%)
- Blue (38%)



- Red (59%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (36%)
- Black (41%)




- Cyan (41%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0124, 15.6268, 13.3235 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 19.0124, 15.6268, 13.3235 by changing the saturation by 10% instead.


 19.0124, 15.6268,
13.3235


 19.0124, 15.6268,
13.3235


239.4540,
227.1294, 224.2608


 11.7833, 9.2605,
7.5183


 41.2718, 35.9491,
32.5834


 6.6674, 4.9115,
3.7050


 57.0327, 50.6738,
46.8753

 3.2995, 2.1954,
1.4649

 76.3684, 68.9535,
64.8331

 1.3140, 0.7175,
0.1916

 99.6440, 91.1724,
86.8754

 0.1937, 0.0000,
0.0000

127.2251,
117.7151, 113.4208

 0.0000, 0.0000,
0.0000

159.4768,

148.9659, 144.8878

196.7647,
185.3092, 181.6950

■ 19.0124, 15.6268,
13.3235

■ 19.0124, 15.6268,
13.3235

■ 17.1639, 12.9185,
9.6595

■ 21.2500, 18.9138,
17.7325

■ 15.6813, 10.7533,
6.6984

■ 23.8959, 22.8079,
22.9235

■ 14.5404, 9.0953,
4.3956

■ 26.9695, 27.3382,
28.9322

■ 13.7141, 7.9031,
2.7008

■ 30.4884, 32.5316,
35.7916

■ 13.1709, 7.1291,
1.5566

■ 34.4696, 38.4132,
43.5331

■ 12.8631, 6.6960,
0.8911

■ 38.9288, 45.0068,
52.1866

■ 12.7920, 6.5911,
0.7526

■ 43.8812, 52.3352,
61.7802

■ 49.3412, 60.4200,
72.3413

■ 55.3229, 69.2820,
83.8957

Harmonies

Analogous

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



19.2320, 15.6268, 19.1080



19.0124, 15.6268, 13.3235



17.6216, 15.6268, 9.5532

Triad

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



19.0124, 15.6268, 13.3235



11.9466, 15.6268, 10.5759



14.1611, 15.6268, 31.2678

Complementary

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



19.0124, 15.6268, 13.3235



21.2115, 26.7364, 32.4779

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.



12.3904, 15.6268, 27.6040



19.0124, 15.6268, 13.3235



11.1946, 15.6268, 15.0805

Square

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



19.0124, 15.6268, 13.3235



13.5007, 15.6268, 8.2479



11.3490, 15.6268, 21.3320



16.2923, 15.6268, 30.4772

Rectangle

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



19.0124, 15.6268, 13.3235



16.2846, 15.6268, 8.2432



11.3490, 15.6268, 21.3320



13.5075, 15.6268, 30.4884

Sweetspot

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



19.0128, 15.6276, 13.3238



45.9270, 45.4617, 47.1810



21.9275, 16.7341, 31.3525



10.2841, 10.1051, 10.4215



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.



19.0128, 15.6276, 13.3238



31.0950, 23.6572, 18.0077



21.5691, 20.8873, 13.7223



6.2173, 6.2261, 6.5243



10.8848, 5.6082, 0.6524



0.1648, 0.0847, 0.0207

Inverse Universe

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



19.0128, 15.6276, 13.3238



31.0950, 23.6572, 18.0077



17.7412, 19.5386, 32.1145



6.2173, 6.2261, 6.5243



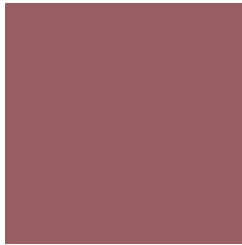
10.8848, 5.6082, 0.6524



0.1648, 0.0847, 0.0207

Previews

White Background



This preview shows how the XYZ color 19.0124, 15.6268, 13.3235 looks on a white background.

Color Contrast Check

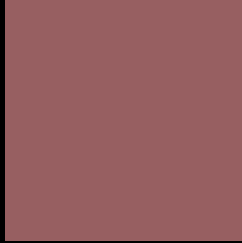
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0124, 15.6268, 13.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

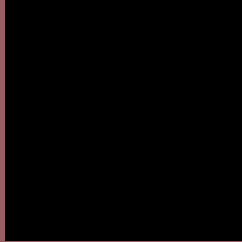
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0124, 15.6268, 13.3235

Background



This preview shows how black text looks on a background with the XYZ color 19.0124, 15.6268, 13.3235.



This preview shows how white text looks on a background with the XYZ color 19.0124, 15.6268,

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

19.0124, 15.6268, 13.3235

Protanopia

15.0652, 15.7492, 15.6105

Deuteranopia

15.9720, 15.6463, 13.0047



Tritanopia

19.1142, 15.5243, 14.3010

Trichromacy



Original Color

19.0124, 15.6268, 13.3235

Protanomaly

16.2022, 15.5745, 14.7226

Deuteranomaly

17.0160, 15.5815, 13.1770

Tritanomaly

19.0655, 15.5048, 14.0445

Monochromacy



Original Color

19.0124, 15.6268, 13.3235

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.4121, 15.8052, 16.0956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0124, 15.6268, 13.3235 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(151, 95, 97)` looks like.

```
.text, #text, p{  
    color:rgb(151, 95, 97)  
}
```

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(151, 95, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 95, 97) }
```

Border

The CSS property to change the border of an element to XYZ 19.0124, 15.6268, 13.3235 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(151, 95, 97) }
```


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

```
.border{ border-color:rgb(151, 95, 97) }
```

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

Here you see how a box with a 4 pixel rgb(151, 95, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 95, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 95, 97);  
box-shadow:4px 4px 4px 4px rgb(151, 95,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0124, 15.6268, 13.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 95, 97) }
```

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

```
.background{ background-color: rgb(151, 95,  
97) }
```

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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