

Converting Colors

XYZ(18.7404, 14.9496, 13.2646)

Have a look what the booklet for
XYZ(18.7404, 14.9496, 13.2646)
contains.

XYZ(18.6613, 14.9245, 13.2064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.6613, 14.9245,
13.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	975B61
RGB	151, 91, 97
RGB Percent	59%, 36%, 38%
CMY	0.4078, 0.6431, 0.6196
CMYK	0.00, 0.40, 0.36, 0.41
HSL	354°, 25%, 47%
HSV	354°, 40%, 59%
XYZ	18.6613, 14.9245, 13.2064
YIQ	109.6240, 33.8340, 14.5860

Conversions

Conversions Part 2

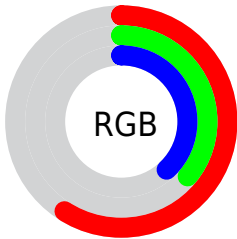
Format	Color
R_{YB}	151, 91, 97
Decimal	9919329
CIE Lab	45.53, 25.39, 7.09
CIE LCh	46, 26.358, 15.596
Yxy	14.9245, 0.3988, 0.3190
Android (android.graphics.Color)	4288109409 (0xFF975B61)
YUV	109.6240, -6.2236, 36.2868
Hunter-Lab	38.6322, 18.6180, 6.7743

Details

The XYZ color **18.6613, 14.9245, 13.2064** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.4926, 26.4022, 30.8056**, and the grayscale version is **14.7242, 15.4910, 16.8697**.

A 20% lighter version of the original color is **40.7504, 34.7495, 32.5765**, and **6.5352, 4.6371, 3.6826** is the 20% darker color. If you saturate the color by 10%, you get **16.9176, 12.3659, 9.7620**, and if you desaturate by 10%, it is **20.7741, 18.0475, 17.3098**.

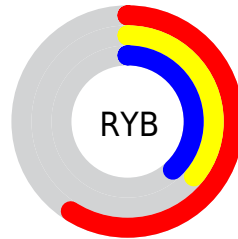
Distribution



Red (59%)

Green (36%)

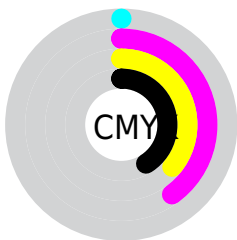
Blue (38%)



Red (59%)

Yellow (36%)

Blue (38%)

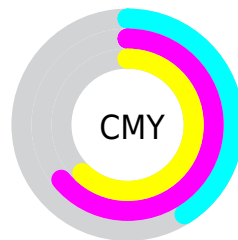


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (41%)



Cyan (41%)

Magenta (64%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6613, 14.9245, 13.2064 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 18.6613, 14.9245, 13.2064 by changing the saturation by 10% instead.

■ 18.6613, 14.9245,
13.2064

■ 18.6613, 14.9245,
13.2064

237.5467,
222.9088, 223.4903

■ 11.5284, 8.7664,
7.4384

■ 40.6823, 34.7207,
32.3707

■ 6.4933, 4.5891,
3.6552

■ 56.3011, 49.1276,
46.6041

■ 3.1908, 2.0083,
1.4382

■ 75.4791, 67.0528,
64.4964

■ 1.2554, 0.6123,
0.1712

■ 98.5819, 88.8809,
86.4662

■ 0.1495, 0.0000,
0.0000

125.9747,
114.9961, 112.9319

■ 0.0000, 0.0000,
0.0000

158.0228,

145.7829, 144.3121

195.0917,
181.6257, 181.0254

■ 18.6613, 14.9245,
13.2064

■ 18.6613, 14.9245,
13.2064

■ 16.9176, 12.3659,
9.7620

■ 20.7741, 18.0475,
17.3098

■ 15.5207, 10.3358,
6.9414

■ 23.2744, 21.7635,
22.1033

■ 14.4475, 8.7980,
4.7075

■ 26.1806, 26.1018,
27.6169

■ 13.6717, 7.7105,
3.0185

■ 29.5098, 31.0890,
33.8786

■ 13.1630, 7.0243,
1.8275

■ 33.2780, 36.7503,
40.9151

■ 12.8565, 6.6239,
1.0701

■ 37.5003, 43.1096,
48.7514

■ 12.8495, 6.6141,
1.0548

■ 42.1912, 50.1894,
57.4119

■ 47.3645, 58.0114,
66.9194

■ 53.0335, 66.5963,
77.2962

Harmonies

Analogous

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



18.6887, 14.9245, 19.4533



18.6613, 14.9245, 13.2064



17.3552, 14.9245, 9.0419

Triad

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



18.6613, 14.9245, 13.2064



11.3732, 14.9245, 9.1630



13.1590, 14.9245, 31.0318

Complementary

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



18.6613, 14.9245, 13.2064



20.4926, 26.4022, 30.8056

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.



11.4270, 14.9245, 26.5307



18.6613, 14.9245, 13.2064



10.4705, 14.9245, 13.4196

Square

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



18.6613, 14.9245, 13.2064



13.0783, 14.9245, 7.1529



10.4892, 14.9245, 19.7292



15.3530, 14.9245, 30.9314

Rectangle

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



18.6613, 14.9245, 13.2064



16.0054, 14.9245, 7.5274



10.4892, 14.9245, 19.7292



12.5086, 14.9245, 29.9646

Sweetspot

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



18.6617, 14.9252, 13.2067



45.5110, 44.6894, 46.8584



21.0046, 15.7370, 31.2089



10.2020, 9.9451, 10.3813



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.



18.6617, 14.9252, 13.2067



30.5156, 22.4648, 17.9180



20.7821, 19.5968, 12.5856



6.2326, 6.2322, 6.6052



10.9368, 5.6289, 0.9262



0.1693, 0.0865, 0.0444

Inverse Universe

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



18.6617, 14.9252, 13.2067



30.5156, 22.4648, 17.9180



17.4903, 19.6379, 32.1471



6.2326, 6.2322, 6.6052



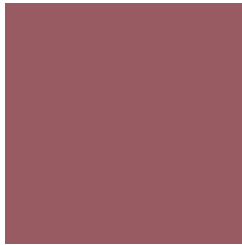
10.9368, 5.6289, 0.9262



0.1693, 0.0865, 0.0444

Previews

White Background



This preview shows how the XYZ color 18.6613, 14.9245, 13.2064 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 18.6613, 14.9245, 13.2064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

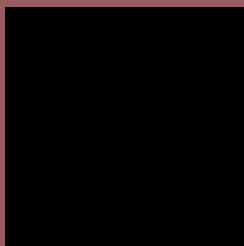
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.6613, 14.9245, 13.2064

Background



This preview shows how black text looks on a background with the XYZ color 18.6613, 14.9245, 13.2064.



This preview shows how white text looks on a background with the XYZ color 18.6613, 14.9245,

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

18.6613, 14.9245, 13.2064

Protanopia

14.5196, 15.1452, 15.7937

Deuteranopia

15.3281, 15.0119, 12.9162



Tritanopia

18.7082, 14.9433, 13.4536

Trichromacy



Original Color

18.6613, 14.9245, 13.2064

Protanomaly

15.8037, 14.9176, 14.8784

Deuteranomaly

16.4047, 14.8365, 13.0654

Tritanomaly

18.7082, 14.9433, 13.4536

Monochromacy



Original Color

18.6613, 14.9245, 13.2064

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 18.6613, 14.9245, 13.2064 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, 91, 97)` looks like.

```
.text, #text, p{  
    color:rgb(151, 91, 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, 91, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 91, 97) }
```

Border

The CSS property to change the border of an element to XYZ 18.6613, 14.9245, 13.2064 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, 91, 97) }
```


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

```
.border{ border-color:rgb(151, 91, 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, 91, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 91, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 91, 97);  
box-shadow:4px 4px 4px 4px rgb(151, 91,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6613, 14.9245, 13.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 91, 97) }
```

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

```
.background{ background-color: rgb(151, 91,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor