

Converting Colors

XYZ(18.9521, 14.8641, 10.6743)

Have a look what the booklet for
XYZ(18.9521, 14.8641, 10.6743)
contains.

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Color

**XYZ(18.9624, 14.8846,
10.6777)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5956
RGB	156, 89, 86
RGB Percent	61%, 35%, 34%
CMY	0.3882, 0.6510, 0.6627
CMYK	0.00, 0.43, 0.45, 0.39
HSL	3°, 29%, 47%
HSV	3°, 45%, 61%
XYZ	18.9624, 14.8846, 10.6777
YIQ	108.6910, 40.8950, 13.2710

Conversions

Conversions Part 2

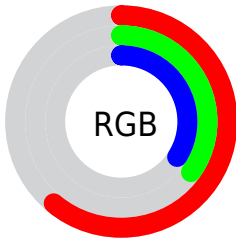
Format	Color
R _Y B	156, 89, 86
Decimal	10246486
CIE Lab	45.48, 27.18, 13.76
CIE LCh	45, 30.465, 26.857
Yxy	14.8846, 0.4259, 0.3343
Android (android.graphics.Color)	4288436566 (0xFF9C5956)
YUV	108.6910, -11.1867, 41.4900
Hunter-Lab	38.5806, 20.2170, 10.5971

Details

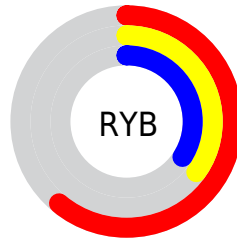
The XYZ color **18.9624, 14.8846, 10.6777** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2291, 27.1598, 35.5759**, and the grayscale version is **14.4713, 15.2249, 16.5800**.

A 20% lighter version of the original color is **41.2626, 34.6799, 27.8117**, and **6.6727, 4.5708, 2.6284** is the 20% darker color. If you saturate the color by 10%, you get **17.2822, 12.4227, 7.3479**, and if you desaturate by 10%, it is **21.0326, 17.9069, 14.8147**.

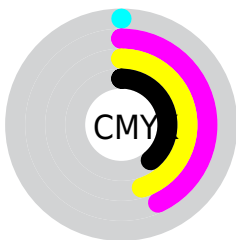
Distribution



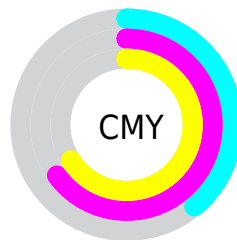
- Red (61%)
- Green (35%)
- Blue (34%)



- Red (61%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (43%)
- Yellow (45%)
- Black (39%)



- Cyan (39%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9624, 14.8846, 10.6777 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 18.9624, 14.8846, 10.6777 by changing the saturation by 10% instead.

■ 18.9624, 14.8846,
10.6777

■ 18.9624, 14.8846,
10.6777

239.1832,
222.6667, 206.1003

■ 11.7470, 8.7384,
5.7391

■ 41.1879, 34.6506,
27.6901

■ 6.6426, 4.5710,
2.6209

■ 56.9287, 49.0392,
40.6010

■ 3.2839, 1.9978,
0.9032

■ 76.2420, 66.9441,
57.0064

■ 1.3056, 0.6062,
0.0000

■ 99.4931, 88.7497,
77.3249

■ 0.1874, 0.0000,
0.0000

■ 127.0474,
114.8404, 101.9750

■ 0.0000, 0.0000,
0.0000

159.2703,

145.6005, 131.3752

196.5271,
181.4145, 165.9441

■ 18.9624, 14.8846,
10.6777

■ 18.9624, 14.8846,
10.6777

■ 17.2822, 12.4227,
7.3479

■ 21.0326, 17.9069,
14.8147

■ 15.9664, 10.4846,
4.7716

■ 23.5138, 21.5187,
19.8058

■ 14.9885, 9.0330,
2.8905

■ 26.4271, 25.7498,
25.6955

■ 14.3173, 8.0248,
1.6369


■ 29.7916, 30.6273,
32.5250


■ 13.9159, 7.4091,
0.9264


■ 33.6254, 36.1767,
40.3328

 13.7829, 7.2132,
0.6659

 37.9455, 42.4222,
49.1554

 42.7681, 49.3866,
59.0272

 48.1086, 57.0920,
69.9813

 53.9819, 65.5592,
82.0491

Harmonies

Analogous

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



19.6004, 14.8846, 16.9851



18.9624, 14.8846, 10.6777



16.9864, 14.8846, 7.0957

Triad

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



18.9624, 14.8846, 10.6777



10.4423, 14.8846, 9.7042



13.8815, 14.8846, 34.5484

Complementary

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



18.9624, 14.8846, 10.6777



21.2291, 27.1598, 35.5759

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.



11.6437, 14.8846, 30.9501



18.9624, 14.8846, 10.6777



9.8130, 14.8846, 15.4527

Square

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



18.9624, 14.8846, 10.6777



12.0554, 14.8846, 6.6631



10.2254, 14.8846, 23.3755



16.4683, 14.8846, 32.1444

Rectangle

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



18.9624, 14.8846, 10.6777



15.2861, 14.8846, 6.0517



10.2254, 14.8846, 23.3755



13.0666, 14.8846, 33.9800

Sweetspot

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



18.9628, 14.8853, 10.6780



48.9293, 48.1182, 48.5551



22.8431, 16.0456, 32.3196



10.5046, 10.2080, 10.1533



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.9628, 14.8853, 10.6780



31.3360, 22.4846, 13.2404



22.5144, 21.9886, 11.8619



6.6548, 6.6895, 6.9261



11.3596, 5.9548, 0.5507



0.2091, 0.1183, 0.0118

Inverse Universe

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



21.2291, 27.1598, 35.5759



35.9850, 47.7032, 64.4378



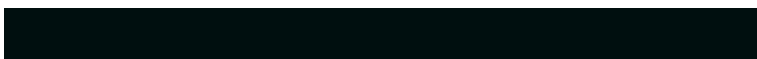
16.3958, 17.4933, 33.9648



6.7974, 7.4607, 8.4885



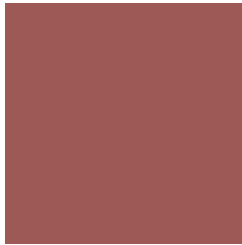
13.8419, 19.7753, 28.9947



0.2542, 0.3670, 0.5207

Previews

White Background



This preview shows how the XYZ color 18.9624, 14.8846, 10.6777 looks on a white background.

Color Contrast Check

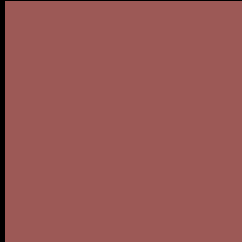
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9624, 14.8846, 10.6777 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 18.9624, 14.8846, 10.6777

Background



This preview shows how black text looks on a background with the XYZ color 18.9624, 14.8846, 10.6777.



This preview shows how white text looks on a background with the XYZ color 18.9624, 14.8846,

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

18.9624, 14.8846, 10.6777

Protanopia

14.2382, 15.0621, 12.9833

Deuteranopia

15.2640, 15.0372, 10.2816



Tritanopia

19.4147, 14.9557, 12.4531

Trichromacy



Original Color

18.9624, 14.8846, 10.6777

Protanomaly

15.6387, 14.7472, 12.1475

Deuteranomaly

16.5433, 14.9670, 10.4045

Tritanomaly

19.2827, 14.9029, 11.7578

Monochromacy



Original Color

18.9624, 14.8846, 10.6777

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.7045, 14.8779, 14.3559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9624, 14.8846, 10.6777 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(156, 89, 86)` looks like.

```
.text, #text, p{  
    color:rgb(156, 89, 86)  
}
```

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(156, 89, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 89, 86) }
```

Border

The CSS property to change the border of an element to XYZ 18.9624, 14.8846, 10.6777 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(156, 89, 86) }
```


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

```
.border{ border-color:rgb(156, 89, 86) }
```

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

Here you see how a box with a 4 pixel rgb(156, 89, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 89, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 89, 86);  
box-shadow:4px 4px 4px 4px rgb(156, 89,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9624, 14.8846, 10.6777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 89, 86) }
```

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

```
.background{ background-color: rgb(156, 89,  
86) }
```

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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