

Converting Colors

XYZ(18.6277, 19.0568, 9.7182)

Have a look what the booklet for
XYZ(18.6277, 19.0568, 9.7182)
contains.

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Color

**XYZ(18.6332, 19.0681,
9.7196)**

Conversions

Conversions Part 1

Format	Color
Hex	8C764D
RGB	140, 118, 77
RGB Percent	55%, 46%, 30%
CMY	0.4510, 0.5372, 0.6980
CMYK	0.00, 0.16, 0.45, 0.45
HSL	39°, 29%, 43%
HSV	39°, 45%, 55%
XYZ	18.6332, 19.0681, 9.7196
YIQ	119.9040, 26.2730, -8.0870

Conversions

Conversions Part 2

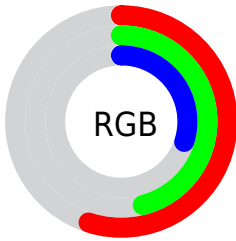
Format	Color
R_{YB}	111, 140, 77
Decimal	9205325
CIE _{Lab}	50.77, 2.67, 25.73
CIE _{LCh}	51, 25.870, 84.071
Yxy	19.0681, 0.3929, 0.4021
Android (android.graphics.Color)	4287395405 (0xFF8C764D)
YUV	119.9040, -21.1517, 17.6242
Hunter-Lab	43.6670, -0.2494, 17.3699

Details

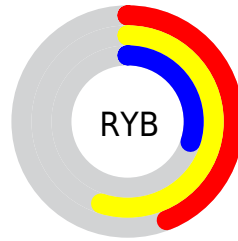
The XYZ color **18.6332, 19.0681, 9.7196** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.2559, 12.3945, 26.5574**, and the grayscale version is **17.8819, 18.8131, 20.4875**.

A 20% lighter version of the original color is **40.7112, 41.8839, 26.0174**, and **6.4620, 6.5540, 2.2208** is the 20% darker color. If you saturate the color by 10%, you get **17.6305, 17.7704, 7.2036**, and if you desaturate by 10%, it is **19.7731, 20.4699, 12.8067**.

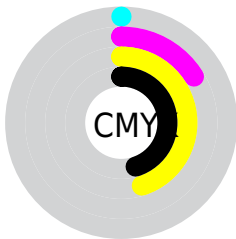
Distribution



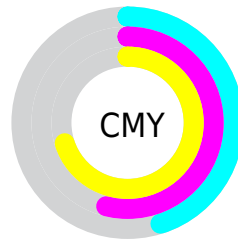
- Red (55%)
- Green (46%)
- Blue (30%)



- Red (44%)
- Yellow (55%)
- Blue (30%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6332, 19.0681, 9.7196 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 18.6332, 19.0681, 9.7196 by changing the saturation by 10% instead.

■ 18.6332, 19.0681,
9.7196

■ 18.6332, 19.0681,
9.7196

237.3934,
246.8245, 199.0705

■ 11.5080, 11.7195,
5.1103

■ 40.6350, 41.8491,
25.8663

■ 6.4794, 6.5530,
2.2522

■ 56.2424, 58.0504,
38.2407

■ 3.1821, 3.1841,
0.7043

■ 75.4078, 77.9713,
54.0405

■ 1.2508, 1.2286,
0.0000

■ 98.4966, 101.9962,
73.6844

■ 0.1459, 0.0849,
0.0000

■ 125.8743,
130.5096, 97.5908

■ 0.0000, 0.0000,
0.0000

157.9060,

163.8958, 126.1782

194.9573,
202.5393, 159.8653

■ 18.6332, 19.0681,
9.7196

■ 18.6332, 19.0681,
9.7196

■ 17.6305, 17.7704,
7.2036

■ 19.7731, 20.4699,
12.8067

■ 16.7562, 16.5703,
5.2211

■ 21.0556, 21.9764,
16.4970

■ 16.0026, 15.4649,
3.7318

■ 22.4872, 23.5917,
20.8216

■ 15.3606, 14.4496,
2.6890

■ 24.0739, 25.3188,
25.8089

■ 14.8175, 13.5186,
2.0294

■ 25.8211, 27.1606,
31.4859

■ 14.5664, 13.0778,
1.7565

■ 27.7339, 29.1198,
37.8777

■ 29.8173, 31.1989,
45.0085

■ 32.0761, 33.4005,
52.9012

■ 34.5147, 35.7270,
61.5776

Harmonies

Analogous

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



21.1455, 19.0681, 11.3650



18.6332, 19.0681, 9.7196



16.2024, 19.0681, 10.4247

Triad

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



18.6332, 19.0681, 9.7196



14.0174, 19.0681, 27.0103



22.3763, 19.0681, 30.1060

Complementary

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



18.6332, 19.0681, 9.7196



12.2559, 12.3945, 26.5574

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.



20.1911, 19.0681, 36.3437



18.6332, 19.0681, 9.7196



15.4044, 19.0681, 34.2839

Square

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



18.6332, 19.0681, 9.7196



13.6840, 19.0681, 19.3494



17.6235, 19.0681, 38.0283



23.4326, 19.0681, 22.2416

Rectangle

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



18.6332, 19.0681, 9.7196



14.9323, 19.0681, 12.2415



17.6235, 19.0681, 38.0283



21.7401, 19.0681, 32.5299

Sweetspot

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



18.6337, 19.0690, 9.7200



40.1089, 42.1045, 38.1416



15.7237, 11.7852, 13.2632



9.1189, 9.5658, 8.4077



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.6337, 19.0690, 9.7200



31.0604, 31.2994, 12.6453



20.0082, 24.0815, 10.6150



5.2865, 5.5559, 5.3462



12.9618, 11.6579, 1.5670



0.0999, 0.1050, 0.0150

Inverse Universe

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



12.2559, 12.3945, 26.5574



18.3481, 18.0106, 46.2523



11.2670, 9.2013, 25.9931



4.9082, 5.1594, 6.3430



5.1947, 3.6598, 22.4783



0.0473, 0.0498, 0.1536

Previews

White Background



This preview shows how the XYZ color 18.6332, 19.0681, 9.7196 looks on a white 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

Black Background



This preview shows how the XYZ color 18.6332, 19.0681, 9.7196 looks on a black 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

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

XYZ 18.6332, 19.0681, 9.7196

Background



This preview shows how black text looks on a background with the XYZ color 18.6332, 19.0681, 9.7196.



This preview shows how white text looks on a background with the XYZ color 18.6332, 19.0681,

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

18.6332, 19.0681, 9.7196

Protanopia

17.7282, 19.1303, 9.9659

Deuteranopia

19.4746, 19.1518, 9.8780



Tritanopia

20.8579, 19.1200, 20.6804

Trichromacy



Original Color

18.6332, 19.0681, 9.7196

Protanomaly

18.0833, 19.1339, 9.9478

Deuteranomaly

19.2380, 19.2019, 9.9001

Tritanomaly

20.0082, 19.1210, 16.0008

Monochromacy



Original Color

18.6332, 19.0681, 9.7196

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8479, 18.7052, 15.7665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6332, 19.0681, 9.7196 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(140, 118, 77)` looks like.

```
.text, #text, p{  
    color:rgb(140, 118, 77)  
}
```

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(140, 118, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 118, 77) }
```

Border

The CSS property to change the border of an element to XYZ 18.6332, 19.0681, 9.7196 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(140, 118, 77) }
```


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

```
.border{ border-color:rgb(140, 118, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 118, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 118, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 118, 77);  
box-shadow:4px 4px 4px 4px rgb(140, 118,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6332, 19.0681, 9.7196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 118, 77) }
```

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

```
.background{ background-color: rgb(140,  
118, 77) }
```

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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