

Converting Colors

XYZ(19.1096, 18.9394, 13.1575)

Have a look what the booklet for
XYZ(19.1096, 18.9394, 13.1575)
contains.

XYZ(19.0810, 18.8744, 13.2271)	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(19.0810, 18.8744,
13.2271)**

Conversions

Conversions Part 1

Format	Color
Hex	8C745E
RGB	140, 116, 94
RGB Percent	55%, 45%, 37%
CMY	0.4510, 0.5451, 0.6314
CMYK	0.00, 0.17, 0.33, 0.45
HSL	29°, 20%, 46%
HSV	29°, 33%, 55%
XYZ	19.0810, 18.8744, 13.2271
YIQ	120.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

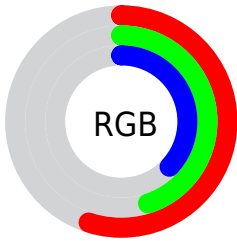
Format	Color
R_{YB}	140, 136, 94
Decimal	9204830
CIE _{Lab}	50.54, 5.96, 15.67
CIE _{LCh}	51, 16.766, 69.183
Yxy	18.8744, 0.3728, 0.3688
Android (android.graphics.Color)	4287394910 (0xFF8C745E)
YUV	120.6680, -13.1473, 16.9542
Hunter-Lab	43.4447, 2.3694, 12.3599

Details

The XYZ color **19.0810, 18.8744, 13.2271** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.8280, 17.2294, 27.3024**, and the grayscale version is **18.1035, 19.0463, 20.7414**.

A 20% lighter version of the original color is **41.2848, 41.4882, 32.2176**, and **6.7204, 6.4715, 3.6912** is the 20% darker color. If you saturate the color by 10%, you get **17.7000, 17.0281, 9.9435**, and if you desaturate by 10%, it is **20.6432, 20.9004, 17.1338**.

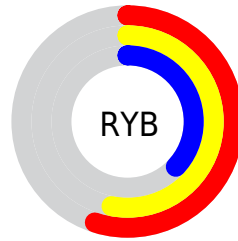
Distribution



Red (55%)

Green (45%)

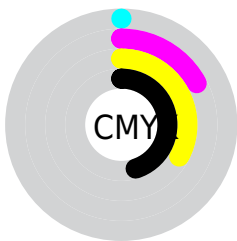
Blue (37%)



Red (55%)

Yellow (53%)

Blue (37%)

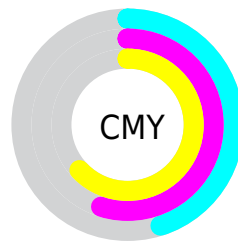


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0810, 18.8744, 13.2271 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 19.0810, 18.8744, 13.2271 by changing the saturation by 10% instead.

■ 19.0810, 18.8744,
13.2271

■ 19.0810, 18.8744,
13.2271

239.8251,
245.7545, 223.6267

■ 11.8332, 11.5796,
7.4526

■ 41.3867, 41.5218,
32.4083

■ 6.7016, 6.4581,
3.6640

■ 57.1754, 57.6431,
46.6521

■ 3.3208, 3.1256,
1.4429

■ 76.5416, 77.4753,
64.5560

■ 1.3256, 1.1976,
0.1748

■ 99.8509, 101.4029,
86.5386

■ 0.2023, 0.0598,
0.0000

127.4685,
129.8102, 113.0184

■ 0.0000, 0.0000,
0.0000

159.7599,

163.0817, 144.4140

197.0903,
201.6016, 181.1440

■ 19.0810, 18.8744,
13.2271

■ 19.0810, 18.8744,
13.2271

■ 17.7000, 17.0281,
9.9435

■ 20.6432, 20.9004,
17.1338

■ 16.4910, 15.3535,
7.2487

■ 22.3922, 23.1088,
21.6929

■ 15.4461, 13.8455,
5.1073

■ 24.3354, 25.5053,
26.9333

■ 14.5563, 12.4979,
3.4789

■ 26.4790, 28.0948,
32.8818

■ 13.8113, 11.3039,
2.3181

■ 28.8291, 30.8817,
39.5638

■ 13.1993, 10.2559,
1.5711

■ 31.3916, 33.8705,
47.0032

■ 12.8204, 9.5858,
1.1745

■ 34.1719, 37.0654,
55.2231

■ 37.1754, 40.4706,
64.2455

■ 40.4072, 44.0900,
74.0914

Harmonies

Analogous

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



20.4903, 18.8744, 15.3678



19.0810, 18.8744, 13.2271



17.4421, 18.8744, 12.8779

Triad

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



19.0810, 18.8744, 13.2271



15.0096, 18.8744, 22.0228



20.0016, 18.8744, 28.3561

Complementary

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



19.0810, 18.8744, 13.2271



15.8280, 17.2294, 27.3024

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.



18.4463, 18.8744, 30.7906



19.0810, 18.8744, 13.2271



15.6098, 18.8744, 26.7855

Square

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



19.0810, 18.8744, 13.2271



15.1566, 18.8744, 17.5124



16.8446, 18.8744, 30.1759



21.0439, 18.8744, 23.9222

Rectangle

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



19.0810, 18.8744, 13.2271



16.4488, 18.8744, 13.6456



16.8446, 18.8744, 30.1759



19.5177, 18.8744, 29.4639

Sweetspot

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



19.0815, 18.8753, 13.2275



40.3512, 41.8271, 40.5712



18.1199, 14.9018, 19.2277



9.2028, 9.5200, 9.0947



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.



19.0815, 18.8753, 13.2275



31.9122, 30.9770, 19.1751



21.9913, 24.6948, 14.1974



5.2173, 5.4175, 5.3231



11.4110, 8.5565, 1.0501



0.0903, 0.0859, 0.0118

Inverse Universe

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



15.8280, 17.2294, 27.3024



25.3076, 27.6348, 47.7432



13.4903, 12.5542, 26.5232



4.9764, 5.2956, 6.3657



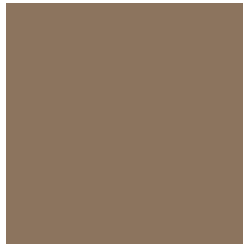
6.3449, 5.9600, 22.8617



0.0568, 0.0689, 0.1568

Previews

White Background



This preview shows how the XYZ color 19.0810, 18.8744, 13.2271 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 19.0810, 18.8744, 13.2271 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 19.0810, 18.8744, 13.2271

Background



This preview shows how black text looks on a background with the XYZ color 19.0810, 18.8744, 13.2271.



This preview shows how white text looks on a background with the XYZ color 19.0810, 18.8744,

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

19.0810, 18.8744, 13.2271

Protanopia

17.7299, 18.8667, 13.7735

Deuteranopia

19.2503, 18.9617, 13.2350



Tritanopia

20.5731, 18.8085, 20.6352

Trichromacy



Original Color

19.0810, 18.8744, 13.2271

Protanomaly

18.1781, 18.9254, 13.5214

Deuteranomaly

19.2503, 18.9617, 13.2350

Tritanomaly

19.9297, 18.7087, 17.5997

Monochromacy



Original Color

19.0810, 18.8744, 13.2271

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.3682, 18.9305, 17.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0810, 18.8744, 13.2271 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, 116, 94) looks like.

```
.text, #text, p{  
    color:rgb(140, 116, 94)  
}
```

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, 116, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 116, 94) }
```

Border

The CSS property to change the border of an element to XYZ 19.0810, 18.8744, 13.2271 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, 116, 94) }
```


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

```
.border{ border-color:rgb(140, 116, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 116, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 116, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 116, 94);  
box-shadow:4px 4px 4px 4px rgb(140, 116,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0810, 18.8744, 13.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 116, 94) }
```

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

```
.background{ background-color: rgb(140,  
116, 94) }
```

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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