

Converting Colors

XYZ(20.5403, 18.4814, 13.1160)

Have a look what the booklet for
XYZ(20.5403, 18.4814, 13.1160)
contains.

XYZ(20.4379, 18.4208, 13.0681)	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(20.4379, 18.4208,
13.0681)**

Conversions

Conversions Part 1

Format	Color
Hex	986D5E
RGB	152, 109, 94
RGB Percent	60%, 43%, 37%
CMY	0.4039, 0.5725, 0.6314
CMYK	0.00, 0.28, 0.38, 0.40
HSL	16°, 24%, 48%
HSV	16°, 38%, 60%
XYZ	20.4379, 18.4208, 13.0681
YIQ	120.1470, 30.4430, 4.4510

Conversions

Conversions Part 2

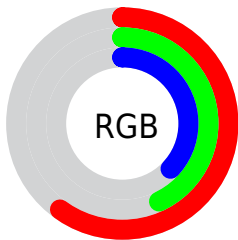
Format	Color
R_{YB}	152, 114, 94
Decimal	9989470
CIE _{Lab}	50.00, 15.06, 15.14
CIE _{LCh}	50, 21.355, 45.166
Yxy	18.4208, 0.3936, 0.3547
Android (android.graphics.Color)	4288179550 (0xFF986D5E)
YUV	120.1470, -12.8905, 27.9351
Hunter-Lab	42.9195, 9.8912, 11.9910

Details

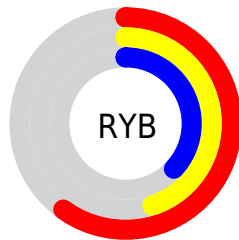
The XYZ color **20.4379, 18.4208, 13.0681** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.2290, 22.5373, 33.0424**, and the grayscale version is **17.9332, 18.8671, 20.5463**.

A 20% lighter version of the original color is **43.7913, 40.9133, 31.9746**, and **7.3478, 6.2035, 3.6064** is the 20% darker color. If you saturate the color by 10%, you get **18.6959, 15.9230, 9.4473**, and if you desaturate by 10%, it is **22.4693, 21.2823, 17.4485**.

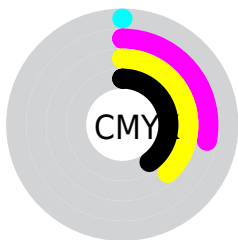
Distribution



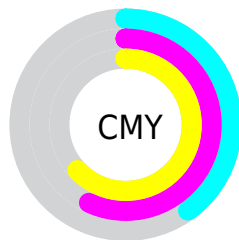
- Red (60%)
- Green (43%)
- Blue (37%)



- Red (60%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (40%)





- Cyan (40%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.4379, 18.4208, 13.0681 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 20.4379, 18.4208, 13.0681 by changing the saturation by 10% instead.


 20.4379, 18.4208,
13.0681


 20.4379, 18.4208,
13.0681


247.0646,
243.2323, 222.5768

 12.8239, 11.2525,
7.3442


 43.6485, 40.7531,
32.1191


 7.3835, 6.2369,
3.5966


 59.9758, 56.6858,
46.2832

 3.7515, 2.9897,
1.4067

 79.9382, 76.3089,
64.0978

 1.5626, 1.1264,
0.1470

 103.9011,
100.0066, 85.9814

 0.3678, 0.0003,
0.0000

132.2298,
128.1635, 112.3525

 0.0000, 0.0000,
0.0000

165.2897,

161.1637, 143.6298

203.4462,
199.3919, 180.2317

■ 20.4379, 18.4208,
13.0681

■ 20.4379, 18.4208,
13.0681

■ 18.6959, 15.9230,
9.4473

■ 22.4693, 21.2823,
17.4485

■ 17.2282, 13.7715,
6.5413

■ 24.8015, 24.5189,
22.6275

■ 16.0203, 11.9514,
4.3024

■ 27.4469, 28.1445,
28.6429

■ 15.0557, 10.4454,
2.6763

■ 30.4168, 32.1718,
35.5295

■ 14.3159, 9.2347,
1.6003

■ 33.7221, 36.6125,
43.3203

■ 13.7709, 8.2949,
0.9557

■ 37.3729, 41.4782,
52.0467

■ 13.6849, 8.1474,
0.8513

■ 41.3790, 46.7799,
61.7382

■ 45.7498, 52.5282,
72.4234

■ 50.4944, 58.7332,
84.1294

Harmonies

Analogous

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



21.5961, 18.4208, 17.2457



20.4379, 18.4208, 13.0681



18.5373, 18.4208, 11.0023

Triad

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



20.4379, 18.4208, 13.0681



13.9670, 18.4208, 17.3030



18.5603, 18.4208, 33.0483

Complementary

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



20.4379, 18.4208, 13.0681



19.2290, 22.5373, 33.0424

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.



16.5183, 18.4208, 33.0719



20.4379, 18.4208, 13.0681



13.9721, 18.4208, 23.1585

Square

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



20.4379, 18.4208, 13.0681



14.8587, 18.4208, 13.1029



14.8732, 18.4208, 29.1773



20.4558, 18.4208, 29.1179

Rectangle

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



20.4379, 18.4208, 13.0681



17.1558, 18.4208, 10.7823



14.8732, 18.4208, 29.1773



17.8658, 18.4208, 33.5353

Sweetspot

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



20.4384, 18.4217, 13.0685



46.9592, 47.6475, 47.1515



21.5030, 16.5015, 25.9073



10.5406, 10.6481, 10.4144



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.



20.4384, 18.4217, 13.0685



33.3612, 28.6281, 17.4110



23.9863, 25.5175, 14.2511



6.3323, 6.4696, 6.5209



11.4967, 6.8759, 0.7212



0.1981, 0.1553, 0.0195

Inverse Universe

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



19.2290, 22.5373, 33.0424



30.8920, 36.9493, 57.9374



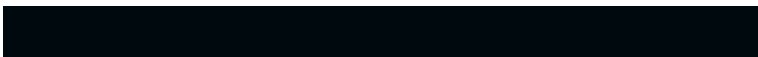
15.6992, 15.4778, 31.8658



6.2493, 6.7560, 7.9036



9.6995, 11.7956, 26.6733



0.1736, 0.2336, 0.4083

Previews

White Background



This preview shows how the XYZ color 20.4379, 18.4208, 13.0681 looks on a white background.

Color Contrast Check

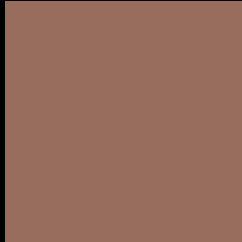
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4379, 18.4208, 13.0681 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 20.4379, 18.4208, 13.0681

Background



This preview shows how black text looks on a background with the XYZ color 20.4379, 18.4208, 13.0681.



This preview shows how white text looks on a background with the XYZ color 20.4379, 18.4208,

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

20.4379, 18.4208, 13.0681

Protanopia

17.4531, 18.5301, 14.4612

Deuteranopia

18.8083, 18.4004, 12.9163



Tritanopia

21.5177, 18.3930, 18.3357

Trichromacy



Original Color

20.4379, 18.4208, 13.0681

Protanomaly

18.2801, 18.2754, 13.8733

Deuteranomaly

19.2716, 18.3079, 12.8740

Tritanomaly

21.0484, 18.3492, 16.3423

Monochromacy



Original Color

20.4379, 18.4208, 13.0681

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.6304, 18.5440, 17.6364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4379, 18.4208, 13.0681 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(152, 109, 94)` looks like.

```
.text, #text, p{  
    color:rgb(152, 109, 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(152, 109, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 109, 94) }
```

Border

The CSS property to change the border of an element to XYZ 20.4379, 18.4208, 13.0681 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(152, 109, 94) }
```


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

```
.border{ border-color:rgb(152, 109, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 109, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 109, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 109, 94);  
box-shadow:4px 4px 4px 4px rgb(152, 109,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4379, 18.4208, 13.0681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 109, 94) }
```

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

```
.background{ background-color: rgb(152,  
109, 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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