

Converting Colors

XYZ(19.4221, 18.9604, 14.4998)

Have a look what the booklet for
XYZ(19.4221, 18.9604, 14.4998)
contains.

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Color

**XYZ(19.4820, 19.0544,
14.4554)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7463
RGB	141, 116, 99
RGB Percent	55%, 45%, 39%
CMY	0.4471, 0.5451, 0.6118
CMYK	0.00, 0.18, 0.30, 0.45
HSL	24°, 17%, 47%
HSV	24°, 30%, 55%
XYZ	19.4820, 19.0544, 14.4554
YIQ	121.5370, 20.3570, 0.0130

Conversions

Conversions Part 2

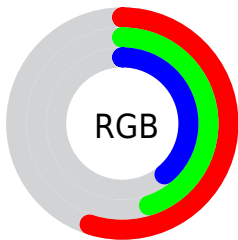
Format	Color
R_{YB}	141, 128, 99
Decimal	9270371
CIE _{Lab}	50.75, 7.09, 13.06
CIE _{LCh}	51, 14.858, 61.515
Yxy	19.0544, 0.3676, 0.3596
Android (android.graphics.Color)	4287460451 (0xFF8D7463)
YUV	121.5370, -11.1107, 17.0691
Hunter-Lab	43.6513, 3.2763, 10.9217

Details

The XYZ color **19.4820, 19.0544, 14.4554** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1606, 18.9902, 27.9603**, and the grayscale version is **18.3787, 19.3358, 21.0567**.

A 20% lighter version of the original color is **42.0133, 41.8094, 34.7098**, and **6.9034, 6.5558, 4.1504** is the 20% darker color. If you saturate the color by 10%, you get **17.9420, 16.9605, 10.9018**, and if you desaturate by 10%, it is **21.2281, 21.3719, 18.6589**.

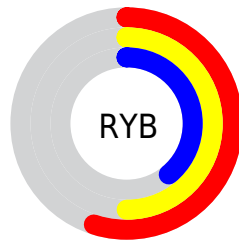
Distribution



Red (55%)

Green (45%)

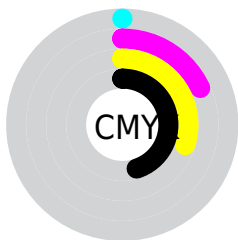
Blue (39%)



Red (55%)

Yellow (50%)

Blue (39%)

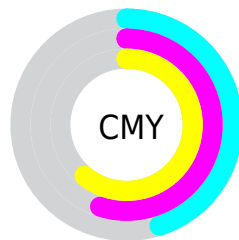


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4820, 19.0544, 14.4554 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 19.4820, 19.0544, 14.4554 by changing the saturation by 10% instead.

■ 19.4820, 19.0544,
14.4554

■ 19.4820, 19.0544,
14.4554

241.9843,
246.7489, 231.5719

■ 12.1251, 11.7096,
8.2957

■ 42.0576, 41.8260,
34.6236

■ 6.9018, 6.5463,
4.1943

■ 58.0070, 58.0216,
49.4692

■ 3.4465, 3.1800,
1.7325

■ 77.5514, 77.9362,
68.0472

■ 1.3941, 1.2264,
0.3829

■ 101.0560,
101.9543, 90.7761

■ 0.2520, 0.0831,
0.0000

128.8863,
130.4602, 118.0745

■ 0.0000, 0.0000,
0.0000

161.4075,

163.8384, 150.3609

198.9850,
202.4731, 188.0538

■ 19.4820, 19.0544,
14.4554

■ 19.4820, 19.0544,
14.4554

■ 17.9420, 16.9605,
10.9018

■ 21.2281, 21.3719,
18.6589

■ 16.5982, 15.0806,
7.9638

■ 23.1868, 23.9171,
23.5418

■ 15.4420, 13.4081,
5.6060

■ 25.3659, 26.6973,
29.1330

■ 14.4636, 11.9350,
3.7887

■ 27.7725, 29.7186,
35.4596

■ 13.6520, 10.6526,
2.4669

■ 30.4134, 32.9870,
42.5472

■ 12.9946, 9.5516,
1.5886

■ 33.2950, 36.5080,
50.4202

■ 12.4623, 8.6156,
1.0148

■ 36.4235, 40.2871,
59.1017

■ 12.4517, 8.5972,
1.0031

■ 39.8048, 44.3297,
68.6142

■ 43.4447, 48.6409,
78.9789

Harmonies

Analogous

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



20.6094, 19.0544, 16.8238



19.4820, 19.0544, 14.4554



18.0365, 19.0544, 13.7064

Triad

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



19.4820, 19.0544, 14.4554



15.4482, 19.0544, 20.9602



19.6172, 19.0544, 28.3789

Complementary

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



19.4820, 19.0544, 14.4554



17.1606, 18.9902, 27.9603

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.



18.1849, 19.0544, 29.8609



19.4820, 19.0544, 14.4554



15.8225, 19.0544, 25.2372

Square

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



19.4820, 19.0544, 14.4554



15.7548, 19.0544, 17.1458



16.8052, 19.0544, 28.6415



20.6904, 19.0544, 24.8201

Rectangle

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



19.4820, 19.0544, 14.4554



17.1010, 19.0544, 14.1334



16.8052, 19.0544, 28.6415



19.1593, 19.0544, 29.1564

Sweetspot

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



19.4825, 19.0553, 14.4558



41.7444, 43.1155, 42.7180



19.0972, 16.0469, 21.2261



9.2164, 9.4918, 9.2697



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.



19.4825, 19.0553, 14.4558



32.9252, 31.4635, 21.3231



22.1539, 24.3981, 15.3463



5.5769, 5.7601, 5.7073



11.3685, 7.8687, 0.9196



0.1294, 0.1166, 0.0157

Inverse Universe

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



17.1606, 18.9902, 27.9603



28.0440, 31.3211, 49.6954



14.8236, 14.3163, 27.1813



5.3796, 5.7549, 6.8560



7.2844, 7.5547, 24.0514



0.0913, 0.1156, 0.2372

Previews

White Background



This preview shows how the XYZ color 19.4820, 19.0544, 14.4554 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 19.4820, 19.0544, 14.4554 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

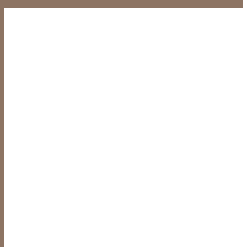
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4820, 19.0544, 14.4554

Background



This preview shows how black text looks on a background with the XYZ color 19.4820, 19.0544, 14.4554.



This preview shows how white text looks on a background with the XYZ color 19.4820, 19.0544,

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

19.4820, 19.0544, 14.4554

Protanopia

18.0884, 19.2035, 15.0652

Deuteranopia

19.3127, 18.9671, 14.4475



Tritanopia

20.9196, 19.1447, 21.0051

Trichromacy



Original Color

19.4820, 19.0544, 14.4554

Protanomaly

18.5699, 19.1003, 14.7646

Deuteranomaly

19.3127, 18.9671, 14.4475

Tritanomaly

20.3823, 19.0892, 18.5299

Monochromacy



Original Color

19.4820, 19.0544, 14.4554

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.8070, 19.3150, 18.6565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4820, 19.0544, 14.4554 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(141, 116, 99)` looks like.

```
.text, #text, p{  
    color:rgb(141, 116, 99)  
}
```

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(141, 116, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 116, 99) }
```

Border

The CSS property to change the border of an element to XYZ 19.4820, 19.0544, 14.4554 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(141, 116, 99) }
```


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

```
.border{ border-color:rgb(141, 116, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 116, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 116, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 116, 99);  
box-shadow:4px 4px 4px 4px rgb(141, 116,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4820, 19.0544, 14.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 116, 99) }
```

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

```
.background{ background-color: rgb(141,  
116, 99) }
```

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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