

Converting Colors

XYZ(19.6767, 20.0862, 8.8853)

Have a look what the booklet for
XYZ(19.6767, 20.0862, 8.8853)
contains.

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Color

**XYZ(19.6518, 20.1494,
8.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	917947
RGB	145, 121, 71
RGB Percent	57%, 47%, 28%
CMY	0.4314, 0.5255, 0.7216
CMYK	0.00, 0.17, 0.51, 0.43
HSL	41°, 34%, 42%
HSV	41°, 51%, 57%
XYZ	19.6518, 20.1494, 8.8147
YIQ	122.4760, 30.3540, -10.4620

Conversions

Conversions Part 2

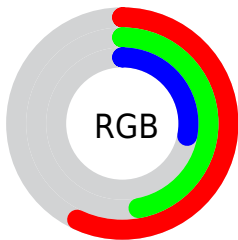
Format	Color
RYB	107, 145, 71
Decimal	9533767
CIELab	52.01, 2.53, 30.73
CIELCh	52, 30.836, 85.292
Yxy	20.1494, 0.4042, 0.4145
Android (android.graphics.Color)	4287723847 (0xFF917947)
YUV	122.4760, -25.3777, 19.7535
Hunter-Lab	44.8881, -0.4077, 19.7788

Details

The XYZ color **19.6518, 20.1494, 8.8147** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.8015, 11.5680, 28.3990**, and the grayscale version is **18.7285, 19.7038, 21.4575**.

A 20% lighter version of the original color is **42.1532, 43.5226, 23.9483**, and **6.9716, 7.1106, 1.9247** is the 20% darker color. If you saturate the color by 10%, you get **18.6834, 18.8706, 6.4637**, and if you desaturate by 10%, it is **20.7601, 21.5302, 11.7607**.

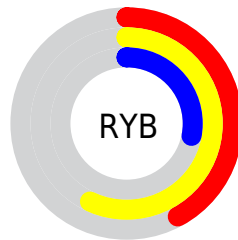
Distribution



Red (57%)

Green (47%)

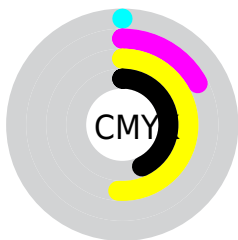
Blue (28%)



Red (42%)

Yellow (57%)

Blue (28%)

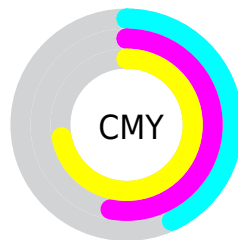


Cyan (0%)

Magenta (17%)

Yellow (51%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6518, 20.1494, 8.8147 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 19.6518, 20.1494, 8.8147 by changing the saturation by 10% instead.

■ 19.6518, 20.1494,
8.8147

■ 19.6518, 20.1494,
8.8147

242.8935,
252.7228, 192.1564

■ 12.2490, 12.5037,
4.5254

■ 42.3410, 43.6675,
24.1128

■ 6.9869, 7.0877,
1.9178

■ 58.3582, 60.3087,
35.9586

■ 3.5002, 3.5170,
0.5040

■ 77.9774, 80.7172,
51.1603

■ 1.4234, 1.4072,
0.0000

■ 101.5642,
105.2774, 70.1365

■ 0.2728, 0.2220,
0.0000

■ 129.4839,
134.3736, 93.3056

■ 0.0000, 0.0000,
0.0000

162.1017,

168.3903, 121.0863

199.7831,
207.7119, 153.8970

■ 19.6518, 20.1494,
8.8147

■ 19.6518, 20.1494,
8.8147

■ 18.6834, 18.8706,
6.4637

■ 20.7601, 21.5302,
11.7607

■ 17.8451, 17.6871,
4.6640

■ 22.0144, 23.0139,
15.3388

■ 17.1278, 16.5952,
3.3681

■ 23.4223, 24.6048,
19.5844

■ 16.5203, 15.5900,
2.5193

■ 24.9903, 26.3061,
24.5299

■ 16.0428, 14.7512,
2.0017

■ 26.7244, 28.1208,
30.2056

■ 28.6305, 30.0518,
36.6401

■ 30.7139, 32.1019,
43.8603

■ 32.9799, 34.2736,
51.8919

■ 35.4334, 36.5696,
60.7593

Harmonies

Analogous

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



22.8031, 20.1494, 10.5644



19.6518, 20.1494, 8.8147



16.6836, 20.1494, 9.7154

Triad

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



19.6518, 20.1494, 8.8147



14.1900, 20.1494, 30.1964



24.5620, 20.1494, 33.3449

Complementary

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



19.6518, 20.1494, 8.8147



11.8015, 11.5680, 28.3990

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.



21.8513, 20.1494, 41.6059



19.6518, 20.1494, 8.8147



15.9120, 20.1494, 39.4668

Square

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



19.6518, 20.1494, 8.8147



13.7373, 20.1494, 20.5489



18.6596, 20.1494, 44.1070



25.8286, 20.1494, 23.3910

Rectangle

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



19.6518, 20.1494, 8.8147



15.1691, 20.1494, 11.8761



18.6596, 20.1494, 44.1070



23.7760, 20.1494, 36.5084

Sweetspot

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



19.6523, 20.1504, 8.8151



43.5165, 45.7819, 39.9824



16.0265, 11.3648, 12.3352



9.5639, 10.0579, 8.5266



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.6523, 20.1504, 8.8151



33.2610, 33.5228, 11.1244



20.8832, 25.6653, 9.8147



5.6941, 5.9946, 5.7463



13.7846, 12.7009, 1.7250



0.1519, 0.1616, 0.0232

Inverse Universe

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



11.8015, 11.5680, 28.3990



17.6213, 16.4523, 50.2204



10.9611, 8.4053, 27.8328



5.2635, 5.5228, 6.8174



5.2780, 3.5420, 23.3826



0.0688, 0.0706, 0.2297

Previews

White Background



This preview shows how the XYZ color 19.6518, 20.1494, 8.8147 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 19.6518, 20.1494, 8.8147 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 19.6518, 20.1494, 8.8147

Background



This preview shows how black text looks on a background with the XYZ color 19.6518, 20.1494, 8.8147.



This preview shows how white text looks on a background with the XYZ color 19.6518, 20.1494,

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

19.6518, 20.1494, 8.8147

Protanopia

18.5307, 20.1174, 9.0373

Deuteranopia

20.4106, 20.0041, 8.9163



Tritanopia

22.3465, 20.2007, 21.7901

Trichromacy



Original Color

19.6518, 20.1494, 8.8147

Protanomaly

18.9001, 20.1228, 9.0188

Deuteranomaly

20.1610, 20.0511, 8.9385

Tritanomaly

21.1238, 20.0384, 16.1191

Monochromacy



Original Color

19.6518, 20.1494, 8.8147

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6136, 19.6442, 15.6426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6518, 20.1494, 8.8147 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(145, 121, 71)` looks like.

```
.text, #text, p{  
    color:rgb(145, 121, 71)  
}
```

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(145, 121, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 121, 71) }
```

Border

The CSS property to change the border of an element to XYZ 19.6518, 20.1494, 8.8147 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(145, 121, 71) }
```


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

```
.border{ border-color:rgb(145, 121, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 121, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 121, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 121, 71);  
box-shadow:4px 4px 4px 4px rgb(145, 121,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6518, 20.1494, 8.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 121, 71) }
```

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

```
.background{ background-color: rgb(145,  
121, 71) }
```

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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