

Converting Colors

XYZ(19.8807, 19.9480, 15.1144)

Have a look what the booklet for
XYZ(19.8807, 19.9480, 15.1144)
contains.

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Color

**XYZ(19.8807, 19.9480,
15.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7865
RGB	140, 120, 101
RGB Percent	55%, 47%, 40%
CMY	0.4510, 0.5294, 0.6039
CMYK	0.00, 0.14, 0.28, 0.45
HSL	29°, 16%, 47%
HSV	29°, 28%, 55%
XYZ	19.8807, 19.9480, 15.1144
YIQ	123.8140, 18.0190, -1.6690

Conversions

Conversions Part 2

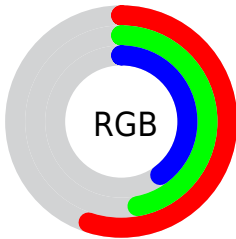
Format	Color
R_{YB}	140, 138, 101
Decimal	9205861
CIE Lab	51.78, 4.65, 13.30
CIE LCh	52, 14.094, 70.717
Yxy	19.9480, 0.3618, 0.3631
Android (android.graphics.Color)	4287395941 (0xFF8C7865)
YUV	123.8140, -11.2473, 14.1951
Hunter-Lab	44.6632, 1.2942, 11.2000

Details

The XYZ color **19.8807, 19.9480, 15.1144** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9377, 18.3344, 27.4573**, and the grayscale version is **19.1288, 20.1249, 21.9161**.

A 20% lighter version of the original color is **42.6682, 43.2414, 35.8033**, and **7.1030, 7.0249, 4.4716** is the 20% darker color. If you saturate the color by 10%, you get **18.4213, 18.0349, 11.5272**, and if you desaturate by 10%, it is **21.5228, 22.0391, 19.3395**.

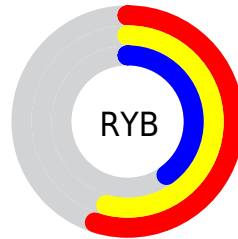
Distribution



Red (55%)

Green (47%)

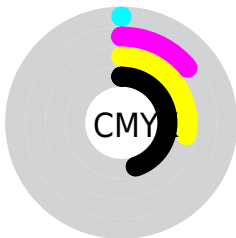
Blue (40%)



Red (55%)

Yellow (54%)

Blue (40%)

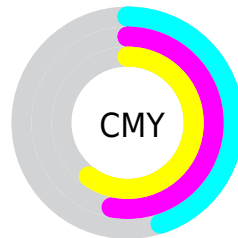


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (45%)



Cyan (45%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8807, 19.9480, 15.1144 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 19.8807, 19.9480, 15.1144 by changing the saturation by 10% instead.

■ 19.8807, 19.9480,
15.1144

■ 19.8807, 19.9480,
15.1144

244.1144,
251.6335, 235.7222

■ 12.4161, 12.3573,
8.7522

■ 42.7225, 43.3300,
35.7989

■ 7.1019, 6.9875,
4.4853

■ 58.8305, 59.8900,
50.9582

■ 3.5728, 3.4543,
1.8952

■ 78.5503, 80.2086,
69.8871

■ 1.4634, 1.3732,
0.4897

■ 102.2473,
104.6701, 93.0039

■ 0.3007, 0.1969,
0.0000

130.2869,
133.6590, 120.7273

■ 0.0000, 0.0000,
0.0000

163.0344,

167.5595, 153.4758

200.8551,
206.7562, 191.6679

■ 19.8807, 19.9480,
15.1144

■ 19.8807, 19.9480,
15.1144

■ 18.4213, 18.0349,
11.5272

■ 21.5228, 22.0391,
19.3395

■ 17.1356, 16.2919,
8.5450

■ 23.3528, 24.3105,
24.2308

■ 16.0164, 14.7145,
6.1338

■ 25.3779, 26.7678,
29.8162

■ 15.0549, 13.2968,
4.2557

■ 27.6040, 29.4155,
36.1216

■ 14.2416, 12.0324,
2.8682

■ 30.0371, 32.2579,
43.1719

■ 13.5657, 10.9143,
1.9220

■ 32.6828, 35.2992,
50.9905

■ 13.0066, 9.9317,
1.3177

■ 35.5464, 38.5434,
59.5997

■ 12.8955, 9.7359,
1.1995

■ 38.6332, 41.9946,
69.0212

■ 41.9481, 45.6565,
79.2757

Harmonies

Analogous

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



21.1168, 19.9480, 16.9862



19.8807, 19.9480, 15.1144



18.4543, 19.9480, 14.8771

Triad

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



19.8807, 19.9480, 15.1144



16.3895, 19.9480, 23.2144



20.8069, 19.9480, 28.2377

Complementary

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



19.8807, 19.9480, 15.1144



16.9377, 18.3344, 27.4573

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.



19.4748, 19.9480, 30.3931



19.8807, 19.9480, 15.1144



16.9552, 19.9480, 27.2604

Square

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



19.8807, 19.9480, 15.1144



16.4860, 19.9480, 19.2267



18.0681, 19.9480, 30.0145



21.6699, 19.9480, 24.4200

Rectangle

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



19.8807, 19.9480, 15.1144



17.5926, 19.9480, 15.6400



18.0681, 19.9480, 30.0145



20.3965, 19.9480, 29.2011

Sweetspot

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



19.8812, 19.9489, 15.1148



41.0662, 42.7306, 42.4326



18.9295, 16.2672, 20.2798



9.3561, 9.7152, 9.4890



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.



19.8812, 19.9489, 15.1148



33.5103, 33.1632, 22.8218



22.4478, 25.0820, 15.9703



5.2209, 5.4246, 5.3243



11.4778, 8.6900, 1.0724



0.0908, 0.0869, 0.0120

Inverse Universe

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



16.9377, 18.3344, 27.4573



27.4916, 29.8616, 48.0579



14.8177, 14.0945, 26.7507



4.9728, 5.2885, 6.3645



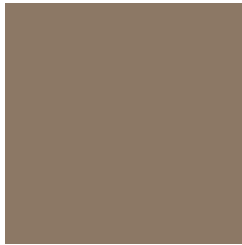
6.2726, 5.8155, 22.8376



0.0563, 0.0679, 0.1566

Previews

White Background



This preview shows how the XYZ color 19.8807, 19.9480, 15.1144 looks on a white background.

Color Contrast Check

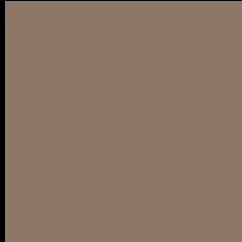
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8807, 19.9480, 15.1144 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

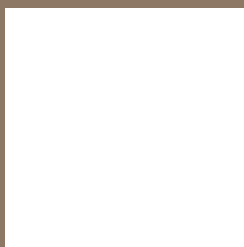
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8807, 19.9480, 15.1144

Background



This preview shows how black text looks on a background with the XYZ color 19.8807, 19.9480, 15.1144.



This preview shows how white text looks on a background with the XYZ color 19.8807, 19.9480,

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

19.8807, 19.9480, 15.1144

Protanopia

18.7371, 19.8910, 15.6838

Deuteranopia

20.2735, 19.9729, 15.0985



Tritanopia

21.4549, 20.0686, 22.4815

Trichromacy



Original Color

19.8807, 19.9480, 15.1144

Protanomaly

19.1893, 19.9467, 15.4091

Deuteranomaly

20.1011, 19.8840, 15.0905

Tritanomaly

20.8446, 19.9920, 19.5898

Monochromacy



Original Color

19.8807, 19.9480, 15.1144

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4413, 20.1727, 19.3921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8807, 19.9480, 15.1144 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, 120, 101)` looks like.

```
.text, #text, p{  
    color:rgb(140, 120, 101)  
}
```

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, 120, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 120, 101) }
```

Border

The CSS property to change the border of an element to XYZ 19.8807, 19.9480, 15.1144 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, 120, 101) }
```


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

```
.border{ border-color:rgb(140, 120, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 120, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 120, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 120, 101);  
box-shadow:4px 4px 4px 4px rgb(140, 120,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8807, 19.9480, 15.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 120, 101) }
```

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

```
.background{ background-color: rgb(140,  
120, 101) }
```

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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