

Converting Colors

XYZ(19.1056, 19.8125, 10.6157)

Have a look what the booklet for
XYZ(19.1056, 19.8125, 10.6157)
contains.

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Color

**XYZ(19.1378, 19.8443,
10.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7951
RGB	140, 121, 81
RGB Percent	55%, 47%, 32%
CMY	0.4510, 0.5255, 0.6823
CMYK	0.00, 0.14, 0.42, 0.45
HSL	41°, 27%, 43%
HSV	41°, 42%, 55%
XYZ	19.1378, 19.8443, 10.6062
YIQ	122.1210, 24.1640, -8.4120

Conversions

Conversions Part 2

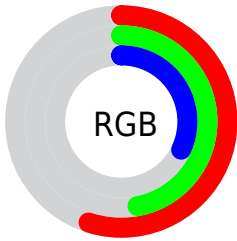
Format	Color
R_{YB}	109, 140, 81
Decimal	9206097
CIE Lab	51.66, 1.42, 24.63
CIE LCh	52, 24.674, 86.706
Yxy	19.8443, 0.3859, 0.4002
Android (android.graphics.Color)	4287396177 (0xFF8C7951)
YUV	122.1210, -20.2727, 15.6799
Hunter-Lab	44.5469, -1.2718, 17.0665

Details

The XYZ color **19.1378, 19.8443, 10.6062** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.6839, 12.7566, 26.6047**, and the grayscale version is **18.5973, 19.5658, 21.3071**.

A 20% lighter version of the original color is **41.5460, 43.1279, 27.6075**, and **6.7104, 6.9611, 2.5801** is the 20% darker color. If you saturate the color by 10%, you get **18.1311, 18.5862, 7.9422**, and if you desaturate by 10%, it is **20.2794, 21.1988, 13.8497**.

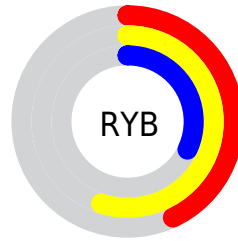
Distribution



Red (55%)

Green (47%)

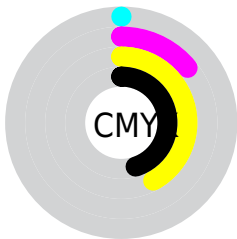
Blue (32%)



Red (43%)

Yellow (55%)

Blue (32%)

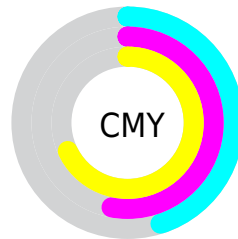


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (45%)



Cyan (45%)

Magenta (53%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1378, 19.8443, 10.6062 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 19.1378, 19.8443, 10.6062 by changing the saturation by 10% instead.

■ 19.1378, 19.8443,
10.6062

■ 19.1378, 19.8443,
10.6062

240.1320,
251.0710, 205.5850

■ 11.8745, 12.2819,
5.6919

■ 41.4819, 43.1560,
27.5551

■ 6.7299, 6.9360,
2.5929

■ 57.2934, 59.6741,
40.4267

■ 3.3386, 3.4221,
0.8888

■ 76.6850, 79.9462,
56.7878

■ 1.3352, 1.3559,
0.0000

■ 100.0220,
104.3567, 77.0570

■ 0.2094, 0.1839,
0.0000

■ 127.6699,
133.2901, 101.6528

■ 0.0000, 0.0000,
0.0000

159.9940,

167.1306, 130.9937

197.3595,
206.2628, 165.4983

■ 19.1378, 19.8443,
10.6062

■ 19.1378, 19.8443,
10.6062

■ 18.1311, 18.5862,
7.9422

■ 20.2794, 21.1988,
13.8497

■ 17.2508, 17.4183,
5.8211

■ 21.5608, 22.6499,
17.7038

■ 16.4894, 16.3379,
4.2040

■ 22.9885, 24.2017,
22.1990

■ 15.8383, 15.3408,
3.0461

■ 24.5682, 25.8568,
27.3633

■ 15.2870, 14.4224,
2.2947

■ 26.3052, 27.6179,
33.2230

■ 14.9005, 13.7461,
1.8679

■ 28.2045, 29.4875,
39.8029

■ 30.2709, 31.4680,
47.1268

■ 32.5089, 33.5617,
55.2173

■ 34.9230, 35.7708,
64.0960

Harmonies

Analogous

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



21.6132, 19.8443, 12.0537



19.1378, 19.8443, 10.6062



16.7907, 19.8443, 11.5277

Triad

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



19.1378, 19.8443, 10.6062



14.8999, 19.8443, 28.3730



23.1526, 19.8443, 30.0408

Complementary

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



19.1378, 19.8443, 10.6062



12.6839, 12.7566, 26.6047

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.



21.0957, 19.8443, 36.3148



19.1378, 19.8443, 10.6062



16.3537, 19.8443, 35.2126

Square

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



19.1378, 19.8443, 10.6062



14.4744, 19.8443, 20.8289



18.5877, 19.8443, 38.3886



24.0558, 19.8443, 22.4044

Rectangle

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



19.1378, 19.8443, 10.6062



15.5872, 19.8443, 13.5030



18.5877, 19.8443, 38.3886



22.5648, 19.8443, 32.4384

Sweetspot

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



19.1383, 19.8452, 10.6066



40.2317, 42.3501, 38.1826



16.0904, 12.3935, 13.7708



9.1511, 9.6303, 8.4184



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.



19.1383, 19.8452, 10.6066



31.9772, 32.7828, 14.0308



20.0948, 24.1093, 11.3792



5.2976, 5.5780, 5.3498



13.2581, 12.2506, 1.6658



0.1014, 0.1080, 0.0155

Inverse Universe

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



12.6839, 12.7566, 26.6047



18.9690, 18.5097, 46.3159



11.9742, 9.9942, 26.1089



4.8976, 5.1381, 6.3395



5.0588, 3.3880, 22.4330



0.0458, 0.0468, 0.1531

Previews

White Background



This preview shows how the XYZ color 19.1378, 19.8443, 10.6062 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 19.1378, 19.8443, 10.6062 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 19.1378, 19.8443, 10.6062

Background



This preview shows how black text looks on a background with the XYZ color 19.1378, 19.8443, 10.6062.



This preview shows how white text looks on a background with the XYZ color 19.1378, 19.8443,

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

19.1378, 19.8443, 10.6062

Protanopia

18.4375, 19.8434, 10.8411

Deuteranopia

20.2142, 19.8620, 10.7510



Tritanopia

21.4487, 19.9007, 22.1128

Trichromacy



Original Color

19.1378, 19.8443, 10.6062

Protanomaly

18.6359, 19.7625, 10.8150

Deuteranomaly

19.7969, 19.8226, 10.7654

Tritanomaly

20.5664, 19.9006, 17.2252

Monochromacy



Original Color

19.1378, 19.8443, 10.6062

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6666, 19.6477, 16.7185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1378, 19.8443, 10.6062 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, 121, 81)` looks like.

```
.text, #text, p{  
    color:rgb(140, 121, 81)  
}
```

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, 121, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 121, 81) }
```

Border

The CSS property to change the border of an element to XYZ 19.1378, 19.8443, 10.6062 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, 121, 81) }
```


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

```
.border{ border-color:rgb(140, 121, 81) }
```

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

Here you see how a box with a 4 pixel rgb(140, 121, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 121, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 121, 81);  
box-shadow:4px 4px 4px 4px rgb(140, 121,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1378, 19.8443, 10.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 121, 81) }
```

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

```
.background{ background-color: rgb(140,  
121, 81) }
```

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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