

Converting Colors

XYZ(19.5280, 18.8094, 19.1486)

Have a look what the booklet for
XYZ(19.5280, 18.8094, 19.1486)
contains.

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Color

**XYZ(19.5996, 18.8408,
19.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	897374
RGB	137, 115, 116
RGB Percent	54%, 45%, 45%
CMY	0.4627, 0.5490, 0.5451
CMYK	0.00, 0.16, 0.15, 0.46
HSL	357°, 9%, 49%
HSV	357°, 16%, 54%
XYZ	19.5996, 18.8408, 19.1266
YIQ	121.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

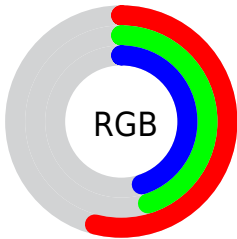
Format	Color
R_{YB}	137, 115, 116
Decimal	9007988
CIE Lab	50.50, 8.76, 2.65
CIE LCh	51, 9.148, 16.813
Yxy	18.8408, 0.3405, 0.3273
Android (android.graphics.Color)	4287198068 (0xFF897374)
YUV	121.6920, -2.8062, 13.4251
Hunter-Lab	43.4060, 4.6396, 4.2584

Details

The XYZ color **19.5996, 18.8408, 19.1266** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.4605, 23.3141, 26.7153**, and the grayscale version is **18.4047, 19.3631, 21.0864**.

A 20% lighter version of the original color is **42.3725, 41.5410, 42.8307**, and **6.9810, 6.4579, 6.3474** is the 20% darker color. If you saturate the color by 10%, you get **17.4440, 15.6625, 14.9152**, and if you desaturate by 10%, it is **22.0956, 22.5280, 23.9805**.

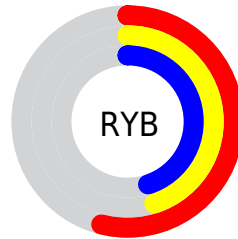
Distribution



Red (54%)

Green (45%)

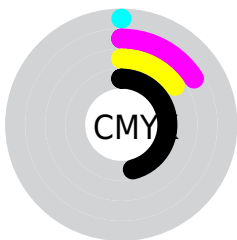
Blue (45%)



Red (54%)

Yellow (45%)

Blue (45%)

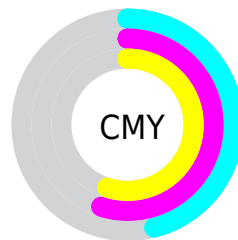


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (46%)



Cyan (46%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5996, 18.8408, 19.1266 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 19.5996, 18.8408, 19.1266 by changing the saturation by 10% instead.

■ 19.5996, 18.8408,
19.1266

■ 19.5996, 18.8408,
19.1266

242.6143,
245.5685, 259.5928

■ 12.2109, 11.5553,
11.5841

■ 42.2539, 41.4649,
42.7875

■ 6.9607, 6.4416,
6.3420

■ 58.2503, 57.5723,
59.7429

■ 3.4836, 3.1154,
2.9820

■ 77.8466, 77.3892,
80.6729

■ 1.4144, 1.1923,
1.0855

■ 101.4081,
101.2998, 105.9963

■ 0.2664, 0.0554,
0.0000

129.3003,
129.6887, 136.1314

■ 0.0000, 0.0000,
0.0000

161.8885,

162.9401, 171.4968

199.5380,
201.4386, 212.5111

■ 19.5996, 18.8408,
19.1266

■ 19.5996, 18.8408,
19.1266

■ 17.4440, 15.6625,
14.9152

■ 22.0956, 22.5280,
23.9805

■ 15.6126, 12.9684,
11.3181

■ 24.9441, 26.7425,
29.5008

■ 14.0901, 10.7356,
8.3071

■ 28.1588, 31.5047,
35.7120

■ 12.8596, 8.9381,
5.8511

■ 31.7519, 36.8332,
42.6367

■ 11.9022, 7.5475,
3.9161

■ 35.7353, 42.7460,
50.2966

■ 11.1972, 6.5321,
2.4646

■ 40.1201, 49.2599,
58.7124

■ 10.7207, 5.8555,
1.4540

■ 44.9172, 56.3912,
67.9041

■ 10.4378, 5.4607,
0.8318

■ 50.1370, 64.1557,
77.8910

■ 10.3506, 5.3320,
0.6620

■ 55.7894, 72.5684,
88.6915

Harmonies

Analogous

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



19.6294, 18.8408, 21.6552



19.5996, 18.8408, 19.1266



19.1069, 18.8408, 17.1383

Triad

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



19.5996, 18.8408, 19.1266



16.6863, 18.8408, 17.3339



17.5193, 18.8408, 25.6765

Complementary

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



19.5996, 18.8408, 19.1266



20.4605, 23.3141, 26.7153

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.



16.7596, 18.8408, 24.3071



19.5996, 18.8408, 19.1266



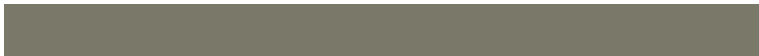
16.2895, 18.8408, 19.4144

Square

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



19.5996, 18.8408, 19.1266



17.4162, 18.8408, 16.1637



16.3159, 18.8408, 21.9678



18.4082, 18.8408, 25.5832

Rectangle

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



19.5996, 18.8408, 19.1266



18.5912, 18.8408, 16.3235



16.3159, 18.8408, 21.9678



17.2410, 18.8408, 25.3675

Sweetspot

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



19.6001, 18.8416, 19.1270



40.0240, 41.0161, 43.8275



20.7837, 19.2943, 26.2957



8.9117, 9.1029, 9.7032



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.6001, 18.8416, 19.1270



33.7350, 31.7276, 31.5901



20.7325, 21.1987, 19.2198



5.0415, 5.0520, 5.3068



9.6428, 4.9672, 0.6231



0.0651, 0.0334, 0.0097

Inverse Universe

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



19.6001, 18.8416, 19.1270



33.7350, 31.7276, 31.5901



19.1886, 20.6563, 26.6427



5.0415, 5.0520, 5.3068



9.6428, 4.9672, 0.6231



0.0651, 0.0334, 0.0097

Previews

White Background



This preview shows how the XYZ color 19.5996, 18.8408, 19.1266 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 19.5996, 18.8408, 19.1266 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 19.5996, 18.8408, 19.1266

Background



This preview shows how black text looks on a background with the XYZ color 19.5996, 18.8408, 19.1266.



This preview shows how white text looks on a background with the XYZ color 19.5996, 18.8408,

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

19.5996, 18.8408, 19.1266

Protanopia

18.2146, 18.9758, 20.1554

Deuteranopia

19.2293, 18.8201, 19.1421



Tritanopia

20.0737, 18.8680, 21.3228

Trichromacy



Original Color

19.5996, 18.8408, 19.1266

Protanomaly

18.6505, 18.8541, 19.7957

Deuteranomaly

19.3895, 18.9026, 19.1496

Tritanomaly

19.8887, 18.7940, 20.3486

Monochromacy



Original Color

19.5996, 18.8408, 19.1266

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.7394, 19.0617, 20.4609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5996, 18.8408, 19.1266 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(137, 115, 116)` looks like.

```
.text, #text, p{  
    color:rgb(137, 115, 116)  
}
```

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(137, 115, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 115, 116) }
```

Border

The CSS property to change the border of an element to XYZ 19.5996, 18.8408, 19.1266 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(137, 115, 116) }
```


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

```
.border{ border-color:rgb(137, 115, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 115, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 115, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 115, 116);  
box-shadow:4px 4px 4px 4px rgb(137, 115,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5996, 18.8408, 19.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 115, 116) }
```

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

```
.background{ background-color: rgb(137,  
115, 116) }
```

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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