

Converting Colors

XYZ(17.9415, 17.6679, 16.2845)

Have a look what the booklet for
XYZ(17.9415, 17.6679, 16.2845)
contains.

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Color

**XYZ(17.9190, 17.6971,
16.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	83716B
RGB	131, 113, 107
RGB Percent	51%, 44%, 42%
CMY	0.4863, 0.5568, 0.5804
CMYK	0.00, 0.14, 0.18, 0.49
HSL	15°, 10%, 47%
HSV	15°, 18%, 51%
XYZ	17.9190, 17.6971, 16.3814
YIQ	117.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

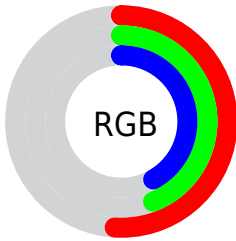
Format	Color
R_{YB}	131, 115, 107
Decimal	8614251
CIE Lab	49.13, 5.98, 5.92
CIE LCh	49, 8.413, 44.678
Yxy	17.6971, 0.3446, 0.3403
Android (android.graphics.Color)	4286804331 (0xFF83716B)
YUV	117.6980, -5.2741, 11.6659
Hunter-Lab	42.0679, 2.4139, 6.3598

Details

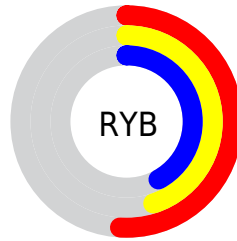
The XYZ color **17.9190, 17.6971, 16.3814** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4935, 19.4311, 24.3013**, and the grayscale version is **17.1391, 18.0316, 19.6365**.

A 20% lighter version of the original color is **39.3939, 39.5692, 37.9091**, and **6.0992, 5.8562, 5.0839** is the 20% darker color. If you saturate the color by 10%, you get **16.2442, 15.3680, 12.6766**, and if you desaturate by 10%, it is **19.8179, 20.3068, 20.6766**.

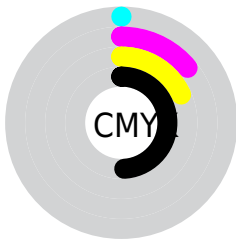
Distribution



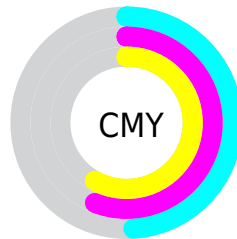
- Red (51%)
- Green (44%)
- Blue (42%)



- Red (51%)
- Yellow (45%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9190, 17.6971, 16.3814 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 17.9190, 17.6971, 16.3814 by changing the saturation by 10% instead.

■ 17.9190, 17.6971,
16.3814

■ 17.9190, 17.6971,
16.3814

233.4685,
239.1582, 243.5039

■ 10.9912, 10.7327,
9.6372

■ 39.4304, 39.5205,
38.0350

■ 6.1282, 5.8874,
5.0566

■ 54.7447, 55.1484,
53.7815

■ 2.9646, 2.7767,
2.2212

■ 73.5853, 74.4328,
73.3659

■ 1.1351, 1.0163,
0.6866

■ 96.3174, 97.7583,
97.2066

■ 0.0541, 0.0000,
0.0000

123.3064,
125.5092, 125.7222

■ 0.0000, 0.0000,
0.0000

154.9177,

158.0698, 159.3313

191.5166,
195.8247, 198.4523

■ 17.9190, 17.6971,
16.3814

■ 17.9190, 17.6971,
16.3814

■ 16.2442, 15.3680,
12.6766

■ 19.8179, 20.3068,
20.6766

■ 14.7835, 13.3078,
9.5350

■ 21.9474, 23.2038,
25.5852

■ 13.5286, 11.5074,
6.9292

■ 24.3155, 26.3973,
31.1307

■ 12.4696, 9.9562,
4.8290

■ 26.9295, 29.8956,
37.3347

■ 11.5961, 8.6429,
3.2010

■ 29.7963, 33.7064,
44.2180

■ 10.8966, 7.5552,
2.0079

■ 32.9225, 37.8374,
51.8004

■ 10.3581, 6.6799,
1.2067

■ 36.3146, 42.2958,
60.1009

■ 9.9561, 5.9981,
0.6962

■ 39.9786, 47.0887,
69.1377

■ 9.8974, 5.9000,
0.6172

■ 43.9206, 52.2230,
78.9285

Harmonies

Analogous

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



18.3263, 17.6971, 18.1924



17.9190, 17.6971, 16.3814



17.2233, 17.6971, 15.3865

Triad

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



17.9190, 17.6971, 16.3814



15.4038, 17.6971, 18.1472



17.2067, 17.6971, 23.7700

Complementary

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



17.9190, 17.6971, 16.3814



17.4935, 19.4311, 24.3013

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.



16.4241, 17.6971, 23.7555



17.9190, 17.6971, 16.3814



15.3996, 17.6971, 20.3876

Square

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



17.9190, 17.6971, 16.3814



15.7795, 17.6971, 16.3506



15.7680, 17.6971, 22.4777



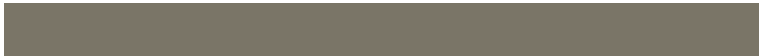
17.9065, 17.6971, 22.5159

Rectangle

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



17.9190, 17.6971, 16.3814



16.6975, 17.6971, 15.2667



15.7680, 17.6971, 22.4777



16.9442, 17.6971, 23.9162

Sweetspot

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



17.9195, 17.6979, 16.3818



36.6660, 37.9708, 39.7225



18.3195, 16.8216, 21.6834



8.4844, 8.7692, 9.1283



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.9195, 17.6979, 16.3818



30.7859, 29.8861, 26.4317



19.3476, 20.5541, 16.8578



4.7603, 4.8641, 4.9173



9.7444, 5.8115, 0.6081



0.0388, 0.0303, 0.0038

Inverse Universe

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



17.4935, 19.4311, 24.3013



29.8743, 33.5894, 43.3620



16.0655, 16.5750, 23.8253



4.7056, 5.0869, 5.9346



8.3557, 10.2593, 22.6765



0.0347, 0.0471, 0.0805

Previews

White Background



This preview shows how the XYZ color 17.9190, 17.6971, 16.3814 looks on a white 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

Black Background



This preview shows how the XYZ color 17.9190, 17.6971, 16.3814 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 17.9190, 17.6971, 16.3814

Background



This preview shows how black text looks on a background with the XYZ color 17.9190, 17.6971, 16.3814.



This preview shows how white text looks on a background with the XYZ color 17.9190, 17.6971,

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

17.9190, 17.6971, 16.3814

Protanopia

16.8909, 17.6599, 16.9864

Deuteranopia

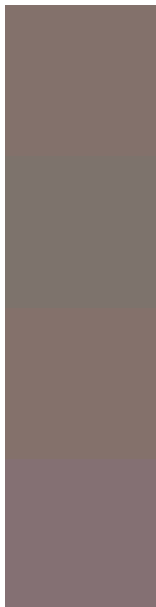
18.0747, 17.7773, 16.3886



Tritanopia

18.7475, 17.7115, 20.1999

Trichromacy



Original Color

17.9190, 17.6971, 16.3814

Protanomaly

17.2950, 17.7042, 16.6931

Deuteranomaly

18.0747, 17.7773, 16.3886

Tritanomaly

18.4044, 17.7317, 18.6722

Monochromacy



Original Color

17.9190, 17.6971, 16.3814

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4510, 17.9166, 18.4581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9190, 17.6971, 16.3814 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(131, 113, 107)` looks like.

```
.text, #text, p{  
    color:rgb(131, 113, 107)  
}
```

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(131, 113, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 113, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.9190, 17.6971, 16.3814 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(131, 113, 107) }
```


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

```
.border{ border-color:rgb(131, 113, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 113, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 113, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 113, 107); box-shadow:4px 4px 4px 4px rgb(131, 113, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9190, 17.6971, 16.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 113, 107) }
```

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

```
.background{ background-color: rgb(131,  
113, 107) }
```

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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