

Converting Colors

XYZ(18.2040, 17.8482, 17.9377)

Have a look what the booklet for
XYZ(18.2040, 17.8482, 17.9377)
contains.

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Color

**XYZ(18.1898, 17.8054,
17.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	837170
RGB	131, 113, 112
RGB Percent	51%, 44%, 44%
CMY	0.4863, 0.5568, 0.5608
CMYK	0.00, 0.14, 0.15, 0.49
HSL	3°, 8%, 48%
HSV	3°, 15%, 51%
XYZ	18.1898, 17.8054, 17.8073
YIQ	118.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

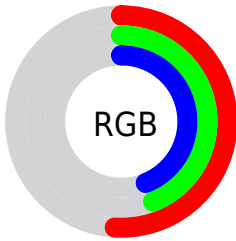
Format	Color
R_{YB}	131, 113, 112
Decimal	8614256
CIE Lab	49.26, 6.85, 3.14
CIE LCh	49, 7.535, 24.655
Yxy	17.8054, 0.3381, 0.3309
Android (android.graphics.Color)	4286804336 (0xFF837170)
YUV	118.2680, -3.0901, 11.1660
Hunter-Lab	42.1964, 3.1030, 4.5166

Details

The XYZ color **18.1898, 17.8054, 17.8073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7613, 21.0481, 24.5467**, and the grayscale version is **17.3113, 18.2128, 19.8337**.

A 20% lighter version of the original color is **39.9231, 39.7810, 40.6963**, and **6.2090, 5.9001, 5.6621** is the 20% darker color. If you saturate the color by 10%, you get **16.2219, 14.9531, 13.8108**, and if you desaturate by 10%, it is **20.4541, 21.0804, 22.4267**.

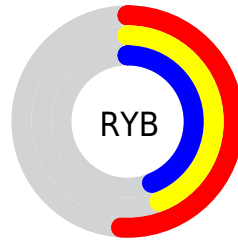
Distribution



Red (51%)

Green (44%)

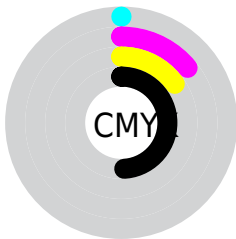
Blue (44%)



Red (51%)

Yellow (44%)

Blue (44%)

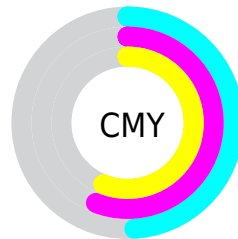


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1898, 17.8054, 17.8073 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 18.1898, 17.8054, 17.8073 by changing the saturation by 10% instead.

■ 18.1898, 17.8054,
17.8073

■ 18.1898, 17.8054,
17.8073

234.9636,
239.7719, 251.9822

■ 11.1869, 10.8104,
10.6437

■ 39.8880, 39.7055,
40.5182

■ 6.2609, 5.9395,
5.7167

■ 55.3140, 55.3793,
56.9026

■ 3.0465, 2.8083,
2.6076

■ 74.2784, 74.7148,
77.1977

■ 1.1784, 1.0325,
0.8964

■ 97.1465, 98.0964,
101.8219

■ 0.0892, 0.0000,
0.0000

124.2838,
125.9085, 131.1940

■ 0.0000, 0.0000,
0.0000

156.0555,

158.5356, 165.7324

192.8270,
196.3619, 205.8556

■ 18.1898, 17.8054,
17.8073

■ 18.1898, 17.8054,
17.8073

■ 16.2219, 14.9531,
13.8108

■ 20.4541, 21.0804,
22.4267

■ 14.5368, 12.5040,
10.4094

■ 23.0249, 24.7917,
27.6928

■ 13.1219, 10.4406,
7.5751

■ 25.9135, 28.9555,
33.6296

■ 11.9632, 8.7433,
5.2769

■ 29.1303, 33.5863,
40.2596

■ 11.0452, 7.3907,
3.4812

■ 32.6851, 38.6980,
47.6040

■ 10.3511, 6.3591,
2.1503

■ 36.5874, 44.3038,
55.6834

■ 9.8616, 5.6220,
1.2413

■ 40.8463, 50.4165,
64.5174

■ 9.5530, 5.1480,
0.6969

■ 45.4705, 57.0485,
74.1249

■ 9.4351, 4.9754,
0.4631

■ 50.4685, 64.2117,
84.5242

Harmonies

Analogous

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



18.3140, 17.8054, 19.7521



18.1898, 17.8054, 17.8073



17.7225, 17.8054, 16.3805

Triad

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



18.1898, 17.8054, 17.8073



15.8383, 17.8054, 17.2201



16.7971, 17.8054, 23.5292

Complementary

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



18.1898, 17.8054, 17.8073



18.7613, 21.0481, 24.5467

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.



16.1489, 17.8054, 22.7407



18.1898, 17.8054, 17.8073



15.6053, 17.8054, 19.0265

Square

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



18.1898, 17.8054, 17.8073



16.3625, 17.8054, 16.0584



15.7174, 17.8054, 21.0576



17.4972, 17.8054, 23.1466

Rectangle

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



18.1898, 17.8054, 17.8073



17.2859, 17.8054, 15.8685



15.7174, 17.8054, 21.0576



16.5662, 17.8054, 23.3908

Sweetspot

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



18.1903, 17.8062, 17.8077



36.8072, 38.0079, 40.5259



19.1870, 18.0269, 23.6051



8.5017, 8.7511, 9.2967



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.



18.1903, 17.8062, 17.8077



31.5031, 30.3349, 29.7095



19.2998, 20.0251, 18.1775



4.6908, 4.7253, 4.8942



9.2881, 4.8988, 0.4560



0.0334, 0.0194, 0.0020

Inverse Universe

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



18.7613, 21.0481, 24.5467



32.7055, 37.1623, 43.9024



17.5618, 18.6493, 24.1469



4.7811, 5.2379, 5.9598



11.1389, 15.8255, 23.6042



0.0402, 0.0580, 0.0823

Previews

White Background



This preview shows how the XYZ color 18.1898, 17.8054, 17.8073 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 18.1898, 17.8054, 17.8073 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

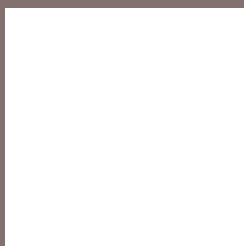
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1898, 17.8054, 17.8073

Background



This preview shows how black text looks on a background with the XYZ color 18.1898, 17.8054, 17.8073.



This preview shows how white text looks on a background with the XYZ color 18.1898, 17.8054,

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

18.1898, 17.8054, 17.8073

Protanopia

17.1443, 17.9306, 18.4769

Deuteranopia

18.0357, 17.7259, 17.8001



Tritanopia

18.7001, 17.8499, 20.2291

Trichromacy



Original Color

18.1898, 17.8054, 17.8073

Protanomaly

17.5382, 17.9681, 18.1666

Deuteranomaly

18.0357, 17.7259, 17.8001

Tritanomaly

18.5208, 17.7782, 19.2850

Monochromacy



Original Color

18.1898, 17.8054, 17.8073

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.5662, 17.9627, 19.0643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1898, 17.8054, 17.8073 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, 112) looks like.

```
.text, #text, p{  
    color:rgb(131, 113, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 113, 112) }
```

Border

The CSS property to change the border of an element to XYZ 18.1898, 17.8054, 17.8073 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, 112) }
```


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

```
.border{ border-color:rgb(131, 113, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(131, 113,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1898, 17.8054, 17.8073 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, 112) }
```

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

```
.background{ background-color: rgb(131,  
113, 112) }
```

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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