

Converting Colors

XYZ(18.1488, 18.8603, 15.7806)

Have a look what the booklet for
XYZ(18.1488, 18.8603, 15.7806)
contains.

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Color

**XYZ(18.1488, 18.8603,
15.7806)**

Conversions

Conversions Part 1

Format	Color
Hex	817768
RGB	129, 119, 104
RGB Percent	51%, 47%, 41%
CMY	0.4941, 0.5333, 0.5922
CMYK	0.00, 0.08, 0.19, 0.49
HSL	36°, 11%, 46%
HSV	36°, 19%, 51%
XYZ	18.1488, 18.8603, 15.7806
YIQ	120.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

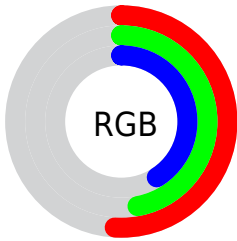
Format	Color
R_{YB}	121, 129, 104
Decimal	8484712
CIE Lab	50.52, 1.18, 9.64
CIE LCh	51, 9.712, 83.008
Yxy	18.8603, 0.3438, 0.3573
Android (android.graphics.Color)	4286674792 (0xFF817768)
YUV	120.2800, -8.0260, 7.6474
Hunter-Lab	43.4284, -1.4044, 8.8557

Details

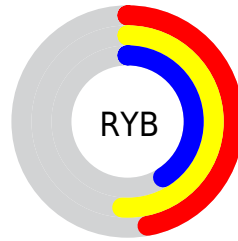
The XYZ color **18.1488, 18.8603, 15.7806** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6886, 16.5623, 23.1390**, and the grayscale version is **17.9652, 18.9008, 20.5830**.

A 20% lighter version of the original color is **39.7707, 41.4375, 36.9124**, and **6.3000, 6.5074, 4.7949** is the 20% darker color. If you saturate the color by 10%, you get **16.9458, 17.4239, 12.3904**, and if you desaturate by 10%, it is **19.4864, 20.4051, 19.7107**.

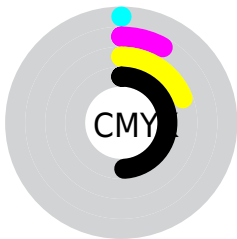
Distribution



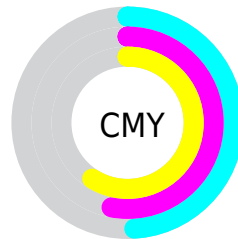
- Red (51%)
- Green (47%)
- Blue (41%)



- Red (47%)
- Yellow (51%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1488, 18.8603, 15.7806 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 18.1488, 18.8603, 15.7806 by changing the saturation by 10% instead.

■ 18.1488, 18.8603,
15.7806

■ 18.1488, 18.8603,
15.7806

234.7378,
245.6765, 239.8449

■ 11.1572, 11.5694,
9.2164

■ 39.8188, 41.4979,
36.9784

■ 6.2407, 6.4512,
4.7838

■ 55.2279, 57.6134,
52.4490

■ 3.0341, 3.1213,
2.0645

■ 74.1736, 77.4392,
71.7255

■ 1.1718, 1.1954,
0.5945

■ 97.0212, 101.3596,
95.2264

■ 0.0839, 0.0579,
0.0000

124.1361,
129.7592, 123.3702

■ 0.0000, 0.0000,
0.0000

155.8836,

163.0223, 156.5756

192.6290,
201.5332, 195.2610

■ 18.1488, 18.8603,
15.7806

■ 18.1488, 18.8603,
15.7806

■ 16.9458, 17.4239,
12.3904

■ 19.4864, 20.4051,
19.7107

■ 15.8709, 16.0906,
9.5149

■ 20.9618, 22.0586,
24.2021

■ 14.9191, 14.8582,
7.1285

■ 22.5801, 23.8242,
29.2765

■ 14.0845, 13.7234,
5.2029

■ 24.3456, 25.7044,
34.9541

■ 13.3608, 12.6828,
3.7071

■ 26.2623, 27.7016,
41.2539

■ 12.7406, 11.7325,
2.6060

■ 28.3342, 29.8181,
48.1944

■ 12.2157, 10.8683,
1.8589

■ 30.5650, 32.0561,
55.7931

■ 11.7633, 10.0801,
1.3487

■ 32.9584, 34.4179,
64.0669

■ 11.7363, 10.0332,
1.3180

■ 35.5179, 36.9056,
73.0321

Harmonies

Analogous

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



19.0447, 18.8603, 16.6443



18.1488, 18.8603, 15.7806



17.2235, 18.8603, 16.0983

Triad

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



18.1488, 18.8603, 15.7806



16.3012, 18.8603, 22.6430



19.4208, 18.8603, 23.8373

Complementary

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



18.1488, 18.8603, 15.7806



15.6886, 16.5623, 23.1390

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.



18.6476, 18.8603, 25.7215



18.1488, 18.8603, 15.7806



16.8523, 18.8603, 24.9907

Square

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



18.1488, 18.8603, 15.7806



16.1782, 18.8603, 19.9072



17.7053, 18.8603, 26.1612



19.7957, 18.8603, 21.1773

Rectangle

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



18.1488, 18.8603, 15.7806



16.7121, 18.8603, 16.9521



17.7053, 18.8603, 26.1612



19.1976, 18.8603, 24.5916

Sweetspot

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



18.1493, 18.8611, 15.7810



35.7238, 37.4782, 37.7902



17.0410, 15.7829, 18.0681



8.0559, 8.4492, 8.4629



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.1493, 18.8611, 15.7810



31.5762, 32.6824, 25.6195



19.0272, 21.1739, 16.1811



4.5255, 4.7397, 4.5965



11.4471, 9.7906, 1.2864



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6886, 16.5623, 23.1390



26.3753, 27.8241, 41.1730



14.9165, 14.5808, 22.7972



4.2390, 4.4720, 5.4530



5.0466, 3.9117, 20.7390



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.1488, 18.8603, 15.7806 looks on a white background.

Color Contrast Check

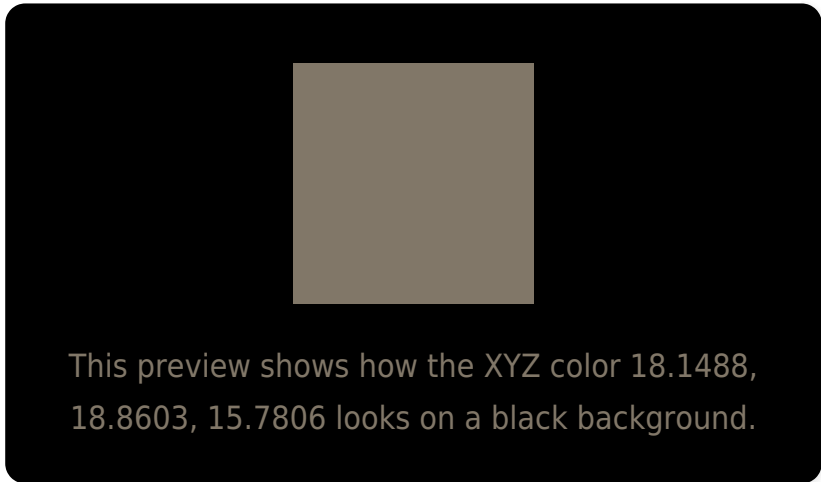
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

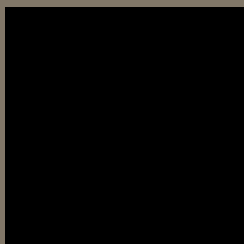
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

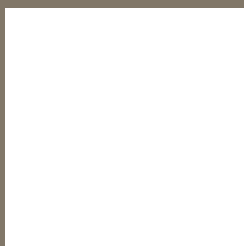
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1488, 18.8603, 15.7806

Background



This preview shows how black text looks on a background with the XYZ color 18.1488, 18.8603, 15.7806.



This preview shows how white text looks on a background with the XYZ color 18.1488, 18.8603,

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

18.1488, 18.8603, 15.7806

Protanopia

17.8193, 18.8680, 15.7994

Deuteranopia

19.2764, 18.9140, 15.9994



Tritanopia

19.4628, 18.8770, 22.0199

Trichromacy



Original Color

18.1488, 18.8603, 15.7806

Protanomaly

17.9676, 18.9444, 15.8064

Deuteranomaly

18.9028, 18.8934, 16.0151

Tritanomaly

18.9322, 18.8322, 19.4668

Monochromacy



Original Color

18.1488, 18.8603, 15.7806

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9221, 18.8588, 18.6151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1488, 18.8603, 15.7806 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(129, 119, 104)` looks like.

```
.text, #text, p{  
    color:rgb(129, 119, 104)  
}
```

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(129, 119, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 119, 104) }
```

Border

The CSS property to change the border of an element to XYZ 18.1488, 18.8603, 15.7806 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(129, 119, 104) }
```


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

```
.border{ border-color:rgb(129, 119, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 119, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 119, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 119, 104);  
box-shadow:4px 4px 4px 4px rgb(129, 119,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1488, 18.8603, 15.7806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 119, 104) }
```

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

```
.background{ background-color: rgb(129,  
119, 104) }
```

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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