

Converting Colors

XYZ(18.8239, 15.5354, 19.1980)

Have a look what the booklet for
XYZ(18.8239, 15.5354, 19.1980)
contains.

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Color

**XYZ(18.7806, 15.5134,
19.1441)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6076
RGB	143, 96, 118
RGB Percent	56%, 38%, 46%
CMY	0.4392, 0.6235, 0.5373
CMYK	0.00, 0.33, 0.17, 0.44
HSL	332°, 20%, 47%
HSV	332°, 33%, 56%
XYZ	18.7806, 15.5134, 19.1441
YIQ	112.5610, 20.9500, 16.8060

Conversions

Conversions Part 2

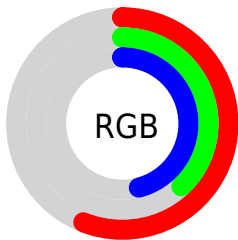
Format	Color
R_{YB}	143, 96, 118
Decimal	9396342
CIE Lab	46.33, 22.56, -4.58
CIE LCh	46, 23.022, 348.527
Yxy	15.5134, 0.3514, 0.2903
Android (android.graphics.Color)	4287586422 (0xFF8F6076)
YUV	112.5610, 2.6814, 26.6950
Hunter-Lab	39.3871, 16.1853, -1.2470

Details

The XYZ color **18.7806, 15.5134, 19.1441** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0982, 23.5126, 21.6748**, and the grayscale version is **15.5545, 16.3646, 17.8210**.

A 20% lighter version of the original color is **40.9781, 35.7755, 42.7758**, and **6.6174, 4.9141, 6.3941** is the 20% darker color. If you saturate the color by 10%, you get **17.1587, 12.9641, 16.4625**, and if you desaturate by 10%, it is **20.6772, 18.5534, 22.0975**.

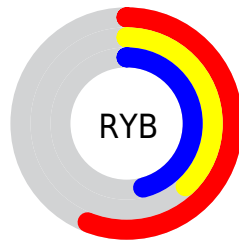
Distribution



Red (56%)

Green (38%)

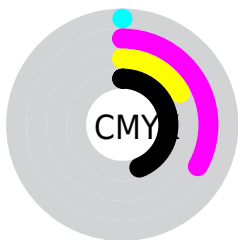
Blue (46%)



Red (56%)

Yellow (38%)

Blue (46%)

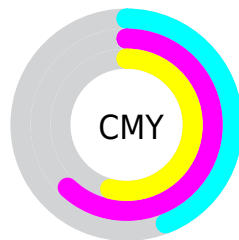


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (44%)



Cyan (44%)

Magenta (62%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7806, 15.5134, 19.1441 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 18.7806, 15.5134, 19.1441 by changing the saturation by 10% instead.

■ 18.7806, 15.5134,
19.1441

■ 18.7806, 15.5134,
19.1441

238.1963,
226.4530, 259.6923

■ 11.6149, 9.1805,
11.5966

■ 40.8828, 35.7514,
42.8174

■ 6.5524, 4.8591,
6.3504

■ 56.5500, 50.4252,
59.7802

■ 3.2276, 2.1648,
2.9871

■ 75.7817, 68.6481,
80.7186

■ 1.2752, 0.7007,
1.0880

■ 98.9434, 90.8045,
106.0511

■ 0.1646, 0.0000,
0.0000

126.4004,
117.2788, 136.1961

■ 0.0000, 0.0000,
0.0000

158.5179,

148.4554, 171.5723

195.6614,
184.7187, 212.5982

■ 18.7806, 15.5134,
19.1441

■ 18.7806, 15.5134,
19.1441

■ 17.1587, 12.9641,
16.4625

■ 20.6772, 18.5534,
22.0975

■ 15.7965, 10.8771,
14.0429

■ 22.8598, 22.1062,
25.3301

■ 14.6794, 9.2248,
11.8763

■ 25.3409, 26.1948,
28.8501

■ 13.7907, 7.9754,
9.9527

■ 28.1317, 30.8406,
32.6651

■ 13.1116, 7.0926,
8.2609

■ 31.2427, 36.0636,
36.7823

■ 12.6200, 6.5338,
6.7886

■ 34.6842, 41.8828,
41.2088

■ 12.3389, 6.2441,
5.8544

■ 38.4656, 48.3163,
45.9511

■ 42.5964, 55.3815,
51.0159

■ 47.0853, 63.0952,
56.4095

Harmonies

Analogous

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



17.7715, 15.5134, 25.1493



18.7806, 15.5134, 19.1441



18.6391, 15.5134, 13.6714

Triad

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



18.7806, 15.5134, 19.1441



13.5730, 15.5134, 8.5474



12.3744, 15.5134, 26.4010

Complementary

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



18.7806, 15.5134, 19.1441



18.0982, 23.5126, 21.6748

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.



11.4350, 15.5134, 20.5811



18.7806, 15.5134, 19.1441



12.0833, 15.5134, 10.6737

Square

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



18.7806, 15.5134, 19.1441



15.5119, 15.5134, 8.3297



11.3334, 15.5134, 14.8228



14.0038, 15.5134, 29.9206

Rectangle

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



18.7806, 15.5134, 19.1441



17.9137, 15.5134, 10.9916



11.3334, 15.5134, 14.8228



11.9739, 15.5134, 24.5960

Sweetspot

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



18.7810, 15.5141, 19.1444



42.0641, 41.4362, 46.9839



16.9265, 14.3631, 27.8671



9.5225, 9.2990, 10.5968



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.7810, 15.5141, 19.1444



31.5613, 24.5149, 30.8913



17.6943, 15.1943, 13.0674



5.5073, 5.4635, 6.1696



10.9202, 5.5251, 5.2313



0.1154, 0.0572, 0.1078

Inverse Universe

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



18.7810, 15.5141, 19.1444



31.5613, 24.5149, 30.8913



19.4876, 23.8809, 29.5692



5.5073, 5.4635, 6.1696



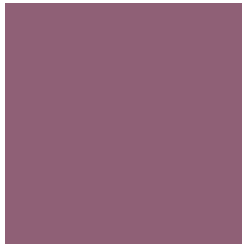
10.9202, 5.5251, 5.2313



0.1154, 0.0572, 0.1078

Previews

White Background



This preview shows how the XYZ color 18.7806, 15.5134, 19.1441 looks on a white background.

Color Contrast Check

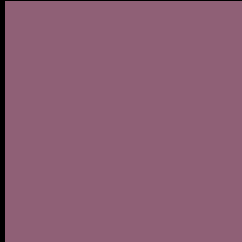
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7806, 15.5134, 19.1441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

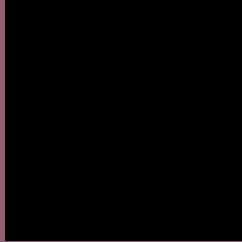
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.7806, 15.5134, 19.1441

Background



This preview shows how black text looks on a background with the XYZ color 18.7806, 15.5134, 19.1441.



This preview shows how white text looks on a background with the XYZ color 18.7806, 15.5134,

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

18.7806, 15.5134, 19.1441

Protanopia

15.2979, 15.5694, 21.9376

Deuteranopia

15.8813, 15.6279, 18.7024



Tritanopia

18.1245, 15.5268, 15.6774

Trichromacy



Original Color

18.7806, 15.5134, 19.1441

Protanomaly

16.2712, 15.3238, 20.8391

Deuteranomaly

16.8135, 15.4969, 18.9346

Tritanomaly

18.2445, 15.4260, 16.7678

Monochromacy



Original Color

18.7806, 15.5134, 19.1441

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.6644, 16.0383, 18.4370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7806, 15.5134, 19.1441 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(143, 96, 118)` looks like.

```
.text, #text, p{  
    color:rgb(143, 96, 118)  
}
```

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(143, 96, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 96, 118) }
```

Border

The CSS property to change the border of an element to XYZ 18.7806, 15.5134, 19.1441 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(143, 96, 118) }
```


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

```
.border{ border-color:rgb(143, 96, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 96, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 96, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 96, 118);  
box-shadow:4px 4px 4px 4px rgb(143, 96,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7806, 15.5134, 19.1441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 96, 118) }
```

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

```
.background{ background-color: rgb(143, 96,  
118) }
```

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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