

Converting Colors

XYZ(19.1740, 17.7931, 26.4686)

Have a look what the booklet for
XYZ(19.1740, 17.7931, 26.4686)
contains.

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Color

**XYZ(19.1740, 17.7931,
26.4686)**

Conversions

Conversions Part 1

Format	Color
Hex	806F8A
RGB	128, 111, 138
RGB Percent	50%, 44%, 54%
CMY	0.4980, 0.5647, 0.4588
CMYK	0.07, 0.20, 0.00, 0.46
HSL	278°, 11%, 49%
HSV	278°, 20%, 54%
XYZ	19.1740, 17.7931, 26.4686
YIQ	119.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

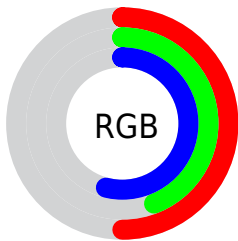
Format	Color
R_{YB}	128, 111, 138
Decimal	8417162
CIE _{Lab}	49.24, 12.02, -12.33
CIE _{LCh}	49, 17.219, 314.265
Yxy	17.7931, 0.3023, 0.2805
Android (android.graphics.Color)	4286607242 (0xFF806F8A)
YUV	119.1610, 9.2876, 7.7518
Hunter-Lab	42.1819, 7.3199, -7.6764

Details

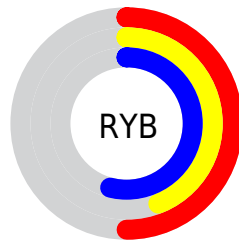
The XYZ color **19.1740, 17.7931, 26.4686** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.8436, 23.3901, 18.5087**, and the grayscale version is **17.5572, 18.4716, 20.1155**.

A 20% lighter version of the original color is **41.5572, 39.7797, 54.7782**, and **6.7634, 5.9219, 10.0191** is the 20% darker color. If you saturate the color by 10%, you get **17.0336, 14.6248, 25.9701**, and if you desaturate by 10%, it is **21.5869, 21.4482, 27.0472**.

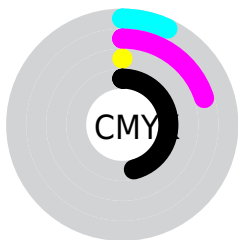
Distribution



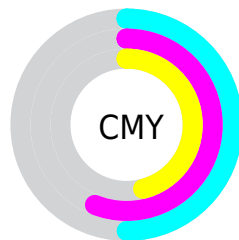
- Red (50%)
- Green (44%)
- Blue (54%)



- Red (50%)
- Yellow (44%)
- Blue (54%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)



- Cyan (50%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1740, 17.7931, 26.4686 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 19.1740, 17.7931, 26.4686 by changing the saturation by 10% instead.

■ 19.1740, 17.7931,
26.4686

■ 19.1740, 17.7931,
26.4686

240.3274,
239.7023, 298.7532

■ 11.9008, 10.8015,
16.9456

■ 41.5425, 39.6845,
55.0233

■ 6.7479, 5.9335,
10.0342

■ 57.3686, 55.3530,
74.8921

■ 3.3499, 2.8047,
5.3157

■ 76.7763, 74.6828,
99.0466

■ 1.3414, 1.0306,
2.3717

■ 100.1310, 98.0580,
127.9053

■ 0.2139, 0.0000,
0.7710

127.7982,
125.8632, 161.8868

■ 0.0000, 0.0000,
0.0000

160.1430,

158.4827, 201.4096

197.5310,
196.3009, 246.8922

■ 19.1740, 17.7931,
26.4686

■ 19.1740, 17.7931,
26.4686

■ 17.0336, 14.6248,
25.9701

■ 21.5869, 21.4482,
27.0472

■ 15.1528, 11.9194,
25.5471

■ 24.2811, 25.6080,
27.7081

■ 13.5202, 9.6545,
25.1959

■ 27.2672, 30.2923,
28.4549

■ 12.1226, 7.8046,
24.9126

■ 30.5545, 35.5191,
29.2905

■ 10.9455, 6.3419,
24.6923

■ 34.1519, 41.3057,
30.2178

■ 9.9729, 5.2349,
24.5298

■ 38.0682, 47.6684,
31.2396

■ 9.1858, 4.4467,
24.4192

■ 42.3115, 54.6230,
32.3583

■ 8.5348, 3.8796,
24.3440

■ 46.8898, 62.1845,
33.5765

■ 8.5074, 3.8558,
24.3409

■ 51.8106, 70.3676,
34.8966

Harmonies

Analogous

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



17.6888, 17.7931, 29.3383



19.1740, 17.7931, 26.4686



20.0815, 17.7931, 21.8879

Triad

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



19.1740, 17.7931, 26.4686



17.7683, 17.7931, 12.0102



14.0763, 17.7931, 21.6495

Complementary

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



19.1740, 17.7931, 26.4686



19.8436, 23.3901, 18.5087

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.



14.0945, 17.7931, 17.0597



19.1740, 17.7931, 26.4686



16.1579, 17.7931, 11.9672

Square

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



19.1740, 17.7931, 26.4686



19.2354, 17.7931, 13.8039



14.8349, 17.7931, 13.6755



14.7833, 17.7931, 26.2703

Rectangle

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



19.1740, 17.7931, 26.4686



20.2026, 17.7931, 18.7196



14.8349, 17.7931, 13.6755



13.9993, 17.7931, 20.0428

Sweetspot

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



19.1745, 17.7939, 26.4690



39.6247, 40.2223, 48.0584



18.0237, 18.9752, 26.7577



8.8316, 8.9355, 10.7656



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.



19.1745, 17.7939, 26.4690



32.2597, 29.0701, 46.2940



20.5288, 18.5180, 25.3591



5.0573, 5.0379, 6.3117



7.8164, 3.5436, 22.3177



0.0681, 0.0319, 0.1490

Inverse Universe

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



19.6175, 18.1535, 20.5601



33.2051, 29.8307, 33.9940



18.6905, 22.7753, 19.3762



5.1045, 5.0772, 5.6387



10.1666, 5.1768, 3.3817



0.0742, 0.0370, 0.0575

Previews

White Background



This preview shows how the XYZ color 19.1740, 17.7931, 26.4686 looks on a white background.

Color Contrast Check

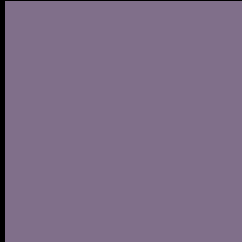
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1740, 17.7931, 26.4686 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 19.1740, 17.7931, 26.4686

Background



This preview shows how black text looks on a background with the XYZ color 19.1740, 17.7931, 26.4686.



This preview shows how white text looks on a background with the XYZ color 19.1740, 17.7931,

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

19.1740, 17.7931, 26.4686

Protanopia

17.7352, 17.8586, 27.7116

Deuteranopia

18.1404, 17.7627, 26.1394



Tritanopia

18.1966, 17.9003, 21.2349

Trichromacy



Original Color

19.1740, 17.7931, 26.4686

Protanomaly

18.2222, 17.7796, 27.2823

Deuteranomaly

18.4465, 17.7540, 26.1215

Tritanomaly

18.5538, 17.8808, 22.8955

Monochromacy



Original Color

19.1740, 17.7931, 26.4686

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.0373, 18.1347, 22.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1740, 17.7931, 26.4686 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(128, 111, 138)` looks like.

```
.text, #text, p{  
    color:rgb(128, 111, 138)  
}
```

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(128, 111, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 111, 138) }
```

Border

The CSS property to change the border of an element to XYZ 19.1740, 17.7931, 26.4686 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(128, 111, 138) }
```


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

```
.border{ border-color:rgb(128, 111, 138) }
```

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

Here you see how a box with a 4 pixel rgb(128, 111, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 111, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 111, 138);  
box-shadow:4px 4px 4px 4px rgb(128, 111,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1740, 17.7931, 26.4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 111, 138) }
```

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

```
.background{ background-color: rgb(128,  
111, 138) }
```

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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