

Converting Colors

XYZ(18.2570, 17.3809, 26.9406)

Have a look what the booklet for
XYZ(18.2570, 17.3809, 26.9406)
contains.

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Color

**XYZ(18.2298, 17.2979,
26.8041)**

Conversions

Conversions Part 1

Format	Color
Hex	796F8B
RGB	121, 111, 139
RGB Percent	47%, 44%, 55%
CMY	0.5255, 0.5647, 0.4549
CMYK	0.13, 0.20, 0.00, 0.45
HSL	261°, 11%, 49%
HSV	261°, 20%, 55%
XYZ	18.2298, 17.2979, 26.8041
YIQ	117.1820, -3.0280, 10.8280

Conversions

Conversions Part 2

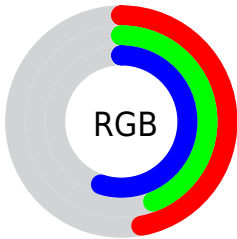
Format	Color
R _{YB}	121, 111, 139
Decimal	7958411
CIE Lab	48.63, 9.76, -13.91
CIE LCh	49, 16.990, 305.049
Yxy	17.2979, 0.2925, 0.2775
Android (android.graphics.Color)	4286148491 (0xFF796F8B)
YUV	117.1820, 10.7563, 3.3484
Hunter-Lab	41.5907, 5.4552, -9.0973

Details

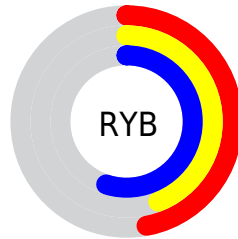
The XYZ color **18.2298, 17.2979, 26.8041** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.1557, 24.2805, 18.6113**, and the grayscale version is **16.9337, 17.8156, 19.4012**.

A 20% lighter version of the original color is **40.1784, 39.0433, 55.8706**, and **6.2532, 5.6540, 10.2129** is the 20% darker color. If you saturate the color by 10%, you get **15.6348, 13.8815, 26.2817**, and if you desaturate by 10%, it is **21.1779, 21.2476, 27.4114**.

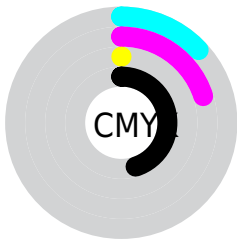
Distribution



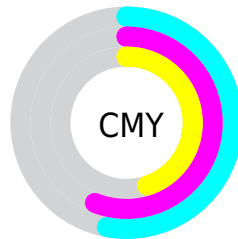
- Red (47%)
- Green (44%)
- Blue (55%)



- Red (47%)
- Yellow (44%)
- Blue (55%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2298, 17.2979, 26.8041 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 18.2298, 17.2979, 26.8041 by changing the saturation by 10% instead.

■ 18.2298, 17.2979,
26.8041

■ 18.2298, 17.2979,
26.8041

235.1838,
236.8833, 300.4375

■ 11.2158, 10.4471,
17.1950

■ 39.9555, 38.8373,
55.5693

■ 6.2805, 5.6964,
10.2102

■ 55.3980, 54.2946,
75.5624

■ 3.0587, 2.6614,
5.4311

■ 74.3806, 73.3896,
99.8540

■ 1.1849, 0.9576,
2.4392

■ 97.2687, 96.5067,
128.8626

■ 0.0944, 0.0000,
0.8077

124.4277,
124.0302, 163.0067

■ 0.0000, 0.0000,
0.0000

156.2230,

156.3445, 202.7048

193.0199,
193.8341, 248.3756

■ 18.2298, 17.2979,
26.8041

■ 18.2298, 17.2979,
26.8041

■ 15.6348, 13.8815,
26.2817

■ 21.1779, 21.2476,
27.4114

■ 13.3774, 10.9729,
25.8393

■ 24.4907, 25.7504,
28.1059

■ 11.4430, 8.5476,
25.4731

■ 28.1812, 30.8276,
28.8914

■ 9.8153, 6.5782,
25.1788

■ 32.2614, 36.4988,
29.7710

■ 8.4767, 5.0346,
24.9514

■ 36.7425, 42.7827,
30.7477

7.4074, 3.8828,
24.7854

41.6354, 49.6972,
31.8245

6.5844, 3.0833,
24.6745

46.9506, 57.2592,
33.0039

5.9580, 2.5331,
24.6013

52.6981, 65.4852,
34.2888

58.8876, 74.3912,
35.6816

Harmonies

Analogous

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



16.7073, 17.2979, 28.7852



18.2298, 17.2979, 26.8041



19.3220, 17.2979, 22.7074

Triad

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



18.2298, 17.2979, 26.8041



17.7430, 17.2979, 12.0536



13.6231, 17.2979, 19.6028

Complementary

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



18.2298, 17.2979, 26.8041



21.1557, 24.2805, 18.6113

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.



13.8618, 17.2979, 15.4290



18.2298, 17.2979, 26.8041



16.1778, 17.2979, 11.4903

Square

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



18.2298, 17.2979, 26.8041



19.0287, 17.2979, 14.3077



14.7735, 17.2979, 12.6255



14.0994, 17.2979, 24.2276

Rectangle

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



18.2298, 17.2979, 26.8041



19.6238, 17.2979, 19.5878



14.7735, 17.2979, 12.6255



13.6227, 17.2979, 18.1007

Sweetspot

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



18.2303, 17.2986, 26.8045



40.2258, 41.1642, 49.5683



19.0930, 20.9974, 27.4730



9.1943, 9.3838, 11.4061



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.2303, 17.2986, 26.8045



30.5352, 28.1836, 47.5736



20.3047, 18.3680, 26.9016



4.9323, 4.9735, 6.3059



5.3947, 2.2952, 22.2044



0.0507, 0.0229, 0.1482

Inverse Universe

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



20.2949, 18.4435, 23.2599



34.9388, 30.6277, 39.9222



19.1990, 23.2718, 18.5197



5.1593, 5.0992, 5.9272



11.2593, 5.6138, 9.1358



0.0818, 0.0401, 0.0976

Previews

White Background



This preview shows how the XYZ color 18.2298, 17.2979, 26.8041 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 18.2298, 17.2979, 26.8041 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 18.2298, 17.2979, 26.8041

Background



This preview shows how black text looks on a background with the XYZ color 18.2298, 17.2979, 26.8041.



This preview shows how white text looks on a background with the XYZ color 18.2298, 17.2979,

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

18.2298, 17.2979, 26.8041

Protanopia

17.1317, 17.2089, 27.6180

Deuteranopia

17.6356, 17.3192, 26.8395



Tritanopia

17.0637, 17.3162, 21.1819

Trichromacy



Original Color

18.2298, 17.2979, 26.8041

Protanomaly

17.4488, 17.2144, 27.2140

Deuteranomaly

17.7905, 17.2343, 26.8150

Tritanomaly

17.4753, 17.3172, 23.1904

Monochromacy



Original Color

18.2298, 17.2979, 26.8041

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.3036, 17.5937, 21.8860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2298, 17.2979, 26.8041 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(121, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(121, 111, 139)  
}
```

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(121, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 111, 139) }
```

Border

The CSS property to change the border of an element to XYZ 18.2298, 17.2979, 26.8041 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(121, 111, 139) }
```


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

```
.border{ border-color:rgb(121, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(121, 111,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2298, 17.2979, 26.8041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 111, 139) }
```

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

```
.background{ background-color: rgb(121,  
111, 139) }
```

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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