

Converting Colors

XYZ(19.0079, 18.7948, 26.4985)

Have a look what the booklet for
XYZ(19.0079, 18.7948, 26.4985)
contains.

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Color

**XYZ(18.9748, 18.6951,
26.6532)**

Conversions

Conversions Part 1

Format	Color
Hex	7A758A
RGB	122, 117, 138
RGB Percent	48%, 46%, 54%
CMY	0.5216, 0.5412, 0.4588
CMYK	0.12, 0.15, 0.00, 0.46
HSL	254°, 8%, 50%
HSV	254°, 15%, 54%
XYZ	18.9748, 18.6951, 26.6532
YIQ	120.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

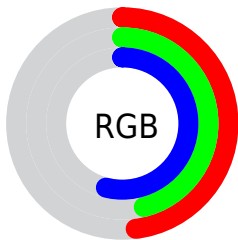
Format	Color
R_{YB}	122, 117, 138
Decimal	8025482
CIE Lab	50.33, 6.33, -10.75
CIE LCh	50, 12.473, 300.471
Yxy	18.6951, 0.2950, 0.2906
Android (android.graphics.Color)	4286215562 (0xFF7A758A)
YUV	120.8890, 8.4357, 0.9743
Hunter-Lab	43.2378, 2.6680, -6.2818

Details

The XYZ color **18.9748, 18.6951, 26.6532** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.9728, 24.4483, 20.3913**, and the grayscale version is **18.1131, 19.0564, 20.7524**.

A 20% lighter version of the original color is **41.0475, 41.1362, 55.0669**, and **6.6372, 6.3773, 10.1136** is the 20% darker color. If you saturate the color by 10%, you get **16.0749, 14.9870, 26.0906**, and if you desaturate by 10%, it is **22.2740, 22.9619, 27.3032**.

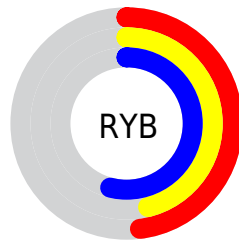
Distribution



Red (48%)

Green (46%)

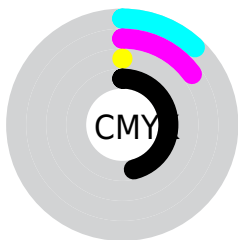
Blue (54%)



Red (48%)

Yellow (46%)

Blue (54%)

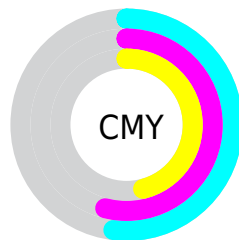


Cyan (12%)

Magenta (15%)

Yellow (0%)

Black (46%)



Cyan (52%)

Magenta (54%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9748, 18.6951, 26.6532 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 18.9748, 18.6951, 26.6532 by changing the saturation by 10% instead.

■ 18.9748, 18.6951,
26.6532

■ 18.9748, 18.6951,
26.6532

239.2504,
244.7603, 299.6809

■ 11.7560, 11.4502,
17.0828

■ 41.2087, 41.2183,
55.3238

■ 6.6487, 6.3705,
10.1310

■ 56.9545, 57.2653,
75.2611

■ 3.2878, 3.0716,
5.3791

■ 76.2733, 77.0151,
99.4911

■ 1.3077, 1.1693,
2.4088

99.5305, 100.8521,
128.4324

■ 0.1890, 0.0364,
0.7912

127.0915,
129.1608, 162.5035

■ 0.0000, 0.0000,
0.0000

159.3216,

162.3254, 202.1229

196.5861,
200.7305, 247.7092

■ 18.9748, 18.6951,
26.6532

■ 18.9748, 18.6951,
26.6532

■ 16.0749, 14.9870,
26.0906

■ 22.2740, 22.9619,
27.3032

■ 13.5572, 11.8120,
25.6105

■ 25.9854, 27.8070,
28.0428

■ 11.4057, 9.1459,
25.2093

■ 30.1233, 33.2519,
28.8757

■ 9.6028, 6.9618,
24.8827

■ 34.7010, 39.3163,
29.8049

■ 8.1293, 5.2300,
24.6261

■ 39.7310, 46.0190,
30.8336

6.9638, 3.9178,
24.4342

45.2255, 53.3779,
31.9644

6.0826, 2.9877,
24.3012

51.1960, 61.4103,
33.2001

5.4542, 2.3882,
24.2186

57.6537, 70.1329,
34.5434

5.2100, 2.1559,
24.1866

64.6096, 79.5617,
35.9967

Harmonies

Analogous

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



17.7882, 18.6951, 27.7692



18.9748, 18.6951, 26.6532



19.8706, 18.6951, 23.8183

Triad

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



18.9748, 18.6951, 26.6532



18.9402, 18.6951, 15.0929



15.5435, 18.6951, 20.4106

Complementary

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



18.9748, 18.6951, 26.6532



21.9728, 24.4483, 20.3913

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.



15.8213, 18.6951, 17.2462



18.9748, 18.6951, 26.6532



17.7500, 18.6951, 14.3953

Square

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



18.9748, 18.6951, 26.6532



19.8500, 18.6951, 17.1615



16.6156, 18.6951, 15.1377



15.8390, 18.6951, 23.9237

Rectangle

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



18.9748, 18.6951, 26.6532



20.1629, 18.6951, 21.4785



16.6156, 18.6951, 15.1377



15.5728, 18.6951, 19.2729

Sweetspot

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



18.9754, 18.6959, 26.6536



39.3288, 40.5616, 48.1395



20.3254, 22.4199, 27.3013



8.7376, 8.9891, 10.7809



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.



18.9754, 18.6959, 26.6536



31.7523, 30.7784, 46.6505



20.5277, 19.4961, 26.7263



4.8789, 4.9460, 6.3034



4.7884, 1.9826, 22.1760



0.0431, 0.0190, 0.1478

Inverse Universe

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



21.0767, 19.8200, 24.9057



36.1475, 33.1309, 42.9433



20.4112, 23.6433, 20.3182



5.1838, 5.1090, 6.0563



11.9604, 5.8943, 12.8275



0.0851, 0.0414, 0.1151

Previews

White Background



This preview shows how the XYZ color 18.9748, 18.6951, 26.6532 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



This preview shows how the XYZ color 18.9748, 18.6951, 26.6532 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 18.9748, 18.6951, 26.6532

Background



This preview shows how black text looks on a background with the XYZ color 18.9748, 18.6951, 26.6532.



This preview shows how white text looks on a background with the XYZ color 18.9748, 18.6951,

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

18.9748, 18.6951, 26.6532

Protanopia

18.4595, 18.7707, 27.0763

Deuteranopia

19.1171, 18.7685, 26.6599



Tritanopia

18.2388, 18.7452, 23.0790

Trichromacy



Original Color

18.9748, 18.6951, 26.6532

Protanomaly

18.6098, 18.6725, 27.0494

Deuteranomaly

19.1171, 18.7685, 26.6599

Tritanomaly

18.5284, 18.6878, 24.4603

Monochromacy



Original Color

18.9748, 18.6951, 26.6532

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4324, 19.0302, 22.7804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9748, 18.6951, 26.6532 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(122, 117, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 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(122, 117, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 138) }
```

Border

The CSS property to change the border of an element to XYZ 18.9748, 18.6951, 26.6532 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(122, 117, 138) }
```


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

```
.border{ border-color:rgb(122, 117, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 117, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 117, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 117, 138);  
box-shadow:4px 4px 4px 4px rgb(122, 117,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9748, 18.6951, 26.6532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 138) }
```

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

```
.background{ background-color: rgb(122,  
117, 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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