

Converting Colors

XYZ(18.6185, 19.0261, 24.8814)

Have a look what the booklet for
XYZ(18.6185, 19.0261, 24.8814)
contains.

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Color

**XYZ(18.6958, 19.1195,
24.8954)**

Conversions

Conversions Part 1

Format	Color
Hex	787885
RGB	120, 120, 133
RGB Percent	47%, 47%, 52%
CMY	0.5294, 0.5294, 0.4784
CMYK	0.10, 0.10, 0.00, 0.48
HSL	240°, 5%, 50%
HSV	240°, 10%, 52%
XYZ	18.6958, 19.1195, 24.8954
YIQ	121.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

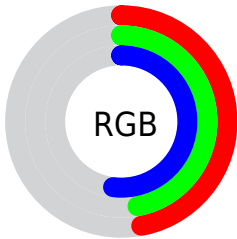
Format	Color
R_{YB}	120, 120, 133
Decimal	7895173
CIE Lab	50.83, 2.74, -7.08
CIE LCh	51, 7.590, 291.151
Yxy	19.1195, 0.2981, 0.3049
Android (android.graphics.Color)	4286085253 (0xFF787885)
YUV	121.4820, 5.6784, -1.2997
Hunter-Lab	43.7259, -0.1992, -3.1488

Details

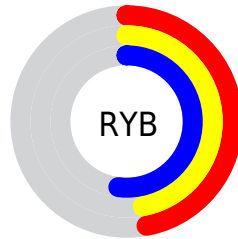
The XYZ color **18.6958, 19.1195, 24.8954** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.4505, 23.1173, 21.1010**, and the grayscale version is **18.3136, 19.2674, 20.9822**.

A 20% lighter version of the original color is **40.6287, 41.8209, 52.3852**, and **6.5161, 6.6144, 9.3208** is the 20% darker color. If you saturate the color by 10%, you get **15.4882, 15.2549, 24.3188**, and if you desaturate by 10%, it is **22.3829, 23.5620, 25.5589**.

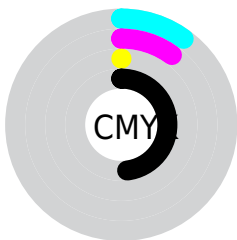
Distribution



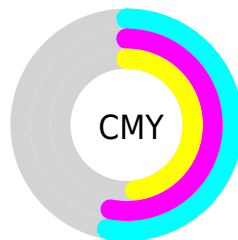
- Red (47%)
- Green (47%)
- Blue (52%)



- Red (47%)
- Yellow (47%)
- Blue (52%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6958, 19.1195, 24.8954 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 18.6958, 19.1195, 24.8954 by changing the saturation by 10% instead.

■ 18.6958, 19.1195,
24.8954

■ 18.6958, 19.1195,
24.8954

237.7347,
247.1077, 290.7476

■ 11.5534, 11.7567,
15.7808

■ 40.7403, 41.9359,
52.4495

■ 6.5104, 6.5782,
9.2165

■ 56.3731, 58.1583,
71.7261

■ 3.2014, 3.1997,
4.7839

■ 75.5667, 78.1026,
95.2271

■ 1.2611, 1.2369,
2.0645

98.6865, 102.1534,
123.3711

■ 0.1538, 0.0915,
0.5945

126.0978,
130.6948, 156.5766

■ 0.0000, 0.0000,
0.0000

158.1661,

164.1114, 195.2622

195.2566,
202.7876, 239.8463

■ 18.6958, 19.1195,
24.8954

■ 18.6958, 19.1195,
24.8954

■ 15.4882, 15.2549,
24.3188

■ 22.3829, 23.5620,
25.5589

■ 12.7388, 11.9422,
23.8243

■ 26.5662, 28.6023,
26.3112

■ 10.4272, 9.1569,
23.4085

■ 31.2638, 34.2622,
27.1561

■ 8.5309, 6.8719,
23.0674

■ 36.4923, 40.5618,
28.0965

■ 7.0251, 5.0575,
22.7966

■ 42.2677, 47.5201,
29.1352

■ 5.8828, 3.6810,
22.5911

■ 48.6051, 55.1557,
30.2750

■ 5.0732, 2.7054,
22.4454

■ 55.5193, 63.4860,
31.5185

■ 4.5607, 2.0877,
22.3532

■ 63.0242, 72.5281,
32.8682

■ 4.2410, 1.7025,
22.2957

■ 71.1335, 82.2983,
34.3267

Harmonies

Analogous

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



17.9524, 19.1195, 25.1534



18.6958, 19.1195, 24.8954



19.3144, 19.1195, 23.5066

Triad

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



18.6958, 19.1195, 24.8954



19.0886, 19.1195, 17.7754



16.7897, 19.1195, 20.1914

Complementary

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



18.6958, 19.1195, 24.8954



21.4505, 23.1173, 21.1010

Split Complementary

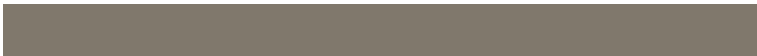
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.0765, 19.1195, 18.3424



18.6958, 19.1195, 24.8954



18.3944, 19.1195, 17.0116

Square

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



18.6958, 19.1195, 24.8954



19.5455, 19.1195, 19.3684



17.6591, 19.1195, 17.2118



16.8654, 19.1195, 22.3380

Rectangle

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



18.6958, 19.1195, 24.8954



19.5662, 19.1195, 22.1755



17.6591, 19.1195, 17.2118



16.8466, 19.1195, 19.5168

Sweetspot

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



18.6964, 19.1203, 24.8958



37.8117, 39.4580, 45.3617



20.3522, 22.4559, 25.3740



8.4069, 8.7550, 10.1995



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.6964, 19.1203, 24.8958



31.9668, 32.4158, 44.3104



19.5964, 19.5838, 24.9379



4.4345, 4.5447, 5.8442



4.0329, 1.6136, 21.2356



0.0140, 0.0056, 0.0736

Inverse Universe

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



19.7799, 19.7758, 20.5449



34.3632, 33.8656, 34.6880



20.4882, 22.6218, 21.0561



4.6726, 4.6887, 4.8883



9.2137, 4.7498, 0.4320



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 18.6958, 19.1195, 24.8954 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 18.6958, 19.1195, 24.8954 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

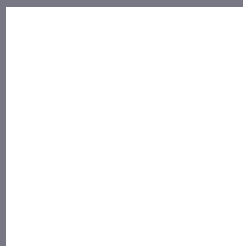
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.6958, 19.1195, 24.8954

Background



This preview shows how black text looks on a background with the XYZ color 18.6958, 19.1195, 24.8954.



This preview shows how white text looks on a background with the XYZ color 18.6958, 19.1195,

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

18.6958, 19.1195, 24.8954

Protanopia

18.6958, 19.1195, 24.8954

Deuteranopia

19.4645, 19.1623, 24.8631



Tritanopia

18.4915, 19.0377, 23.8191

Trichromacy



Original Color

18.6958, 19.1195, 24.8954

Protanomaly

18.6958, 19.1195, 24.8954

Deuteranomaly

19.1426, 19.1722, 24.8820

Tritanomaly

18.5589, 19.0647, 24.1744

Monochromacy



Original Color

18.6958, 19.1195, 24.8954

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4242, 19.2204, 22.1409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6958, 19.1195, 24.8954 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(120, 120, 133)` looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 133)  
}
```

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(120, 120, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 133) }
```

Border

The CSS property to change the border of an element to XYZ 18.6958, 19.1195, 24.8954 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(120, 120, 133) }
```


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

```
.border{ border-color:rgb(120, 120, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 120, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 120, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 120, 133);  
box-shadow:4px 4px 4px 4px rgb(120, 120,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6958, 19.1195, 24.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 133) }
```

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

```
.background{ background-color: rgb(120,  
120, 133) }
```

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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