

Converting Colors

XYZ(18.1198, 19.2288, 20.8685)

Have a look what the booklet for
XYZ(18.1198, 19.2288, 20.8685)
contains.

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Color

**XYZ(18.1565, 19.2926,
20.8561)**

Conversions

Conversions Part 1

Format	Color
Hex	787A79
RGB	120, 122, 121
RGB Percent	47%, 48%, 47%
CMY	0.5294, 0.5216, 0.5255
CMYK	0.02, 0.00, 0.01, 0.52
HSL	150°, 1%, 47%
HSV	150°, 2%, 48%
XYZ	18.1565, 19.2926, 20.8561
YIQ	121.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

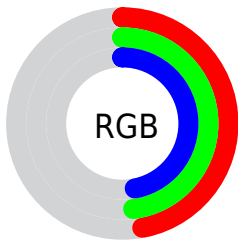
Format	Color
R_{YB}	120, 121, 122
Decimal	7895673
CIE Lab	51.03, -0.95, 0.28
CIE LCh	51, 0.991, 163.809
Yxy	19.2926, 0.3114, 0.3309
Android (android.graphics.Color)	4286085753 (0xFF787A79)
YUV	121.2880, -0.1420, -1.1296
Hunter-Lab	43.9233, -3.0797, 2.5937

Details

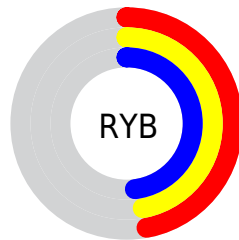
The XYZ color **18.1565, 19.2926, 20.8561** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1944, 18.9516, 20.7892**, and the grayscale version is **18.2682, 19.2196, 20.9302**.

A 20% lighter version of the original color is **39.6921, 42.0599, 45.5615**, and **6.2576, 6.6238, 7.2520** is the 20% darker color. If you saturate the color by 10%, you get **16.2085, 18.3308, 18.8718**, and if you desaturate by 10%, it is **20.3449, 20.3767, 22.9762**.

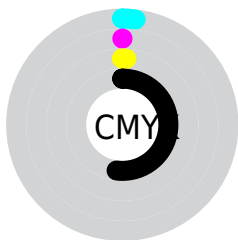
Distribution



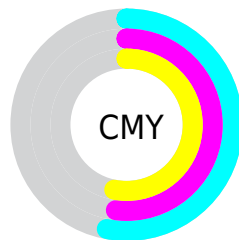
- Red (47%)
- Green (48%)
- Blue (47%)



- Red (47%)
- Yellow (47%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



- Cyan (53%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1565, 19.2926, 20.8561 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 18.1565, 19.2926, 20.8561 by changing the saturation by 10% instead.

■ 18.1565, 19.2926,
20.8561

■ 18.1565, 19.2926,
20.8561

234.7802,
248.0593, 269.2686

■ 11.1628, 11.8819,
12.8286

■ 39.8318, 42.2279,
45.7256

■ 6.2445, 6.6633,
7.1813

■ 55.2441, 58.5214,
63.4047

■ 3.0364, 3.2524,
3.4956

■ 74.1933, 78.5445,
85.1381

■ 1.1730, 1.2649,
1.3529

97.0448, 102.6817,
111.3444

■ 0.0849, 0.1138,
0.1046

124.1638,
131.3174, 142.4420

■ 0.0000, 0.0000,
0.0000

155.9159,

164.8360, 178.8496

192.6662,
203.6218, 220.9856

■ 18.1565, 19.2926,
20.8561

■ 18.1565, 19.2926,
20.8561

■ 16.2085, 18.3308,
18.8718

■ 20.3449, 20.3767,
22.9762

■ 14.4908, 17.4845,
17.0194

■ 22.7802, 21.5847,
25.2334

■ 12.9948, 16.7499,
15.2966

■ 25.4706, 22.9214,
27.6307

■ 11.7110, 16.1221,
13.7004

■ 28.4235, 24.3905,
30.1706

■ 10.6290, 15.5958,
12.2280

■ 31.6459, 25.9956,
32.8553

■ 9.7374, 15.1651,
10.8762

■ 35.1445, 27.7401,
35.6872

■ 9.0239, 14.8239,
9.6417

■ 38.9260, 29.6275,
38.6687

■ 8.4742, 14.5647,
8.5212

■ 42.9966, 31.6608,
41.8018

■ 8.0722, 14.3794,
7.5111

■ 47.3624, 33.8433,
45.0888

Harmonies

Analogous

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



18.2068, 19.2926, 20.6189



18.1565, 19.2926, 20.8561



18.1545, 19.2926, 21.1356

Triad

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



18.1565, 19.2926, 20.8561



18.3821, 19.2926, 21.5353



18.4735, 19.2926, 20.6346

Complementary

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



18.1565, 19.2926, 20.8561



18.1944, 18.9516, 20.7892

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.



18.5208, 19.2926, 20.8777



18.1565, 19.2926, 20.8561



18.4679, 19.2926, 21.3986

Square

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



18.1565, 19.2926, 20.8561



18.2845, 19.2926, 21.5294



18.5188, 19.2926, 21.1573



18.3897, 19.2926, 20.4919

Rectangle

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



18.1565, 19.2926, 20.8561



18.1808, 19.2926, 21.3084



18.5188, 19.2926, 21.1573



18.4942, 19.2926, 20.7072

Sweetspot

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



18.1570, 19.2934, 20.8565



32.5443, 34.2392, 37.2864



18.2402, 19.3434, 20.5420



7.4413, 7.8288, 8.5256



59.0181, 62.0916, 67.6177

Same Dimension

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



18.1570, 19.2934, 20.8565



31.7943, 33.8681, 36.5442



18.2168, 19.3173, 21.1709



4.3727, 4.6513, 5.0241



8.2081, 15.0069, 7.0808



38.7240, 71.4126, 31.5143

Inverse Universe

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



18.1944, 18.9516, 20.7892



31.8762, 33.1193, 36.3967



18.1353, 18.9279, 20.4780



4.3827, 4.5602, 5.0062



9.3345, 4.7100, 5.0525



44.0968, 22.2951, 21.8378

Previews

White Background



This preview shows how the XYZ color 18.1565, 19.2926, 20.8561 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 18.1565, 19.2926, 20.8561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

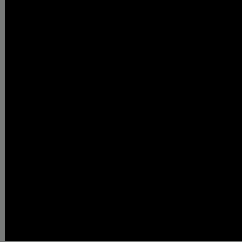
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

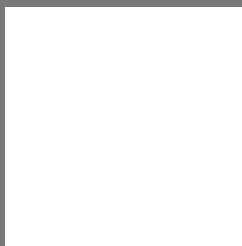
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1565, 19.2926, 20.8561

Background



This preview shows how black text looks on a background with the XYZ color 18.1565, 19.2926, 20.8561.



This preview shows how white text looks on a background with the XYZ color 18.1565, 19.2926,

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

18.1565, 19.2926, 20.8561

Protanopia

18.5397, 19.3159, 20.5205

Deuteranopia

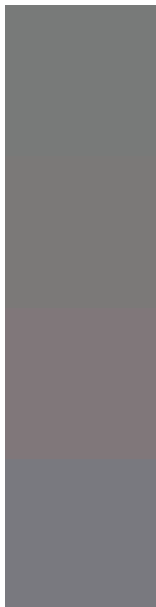
19.6642, 19.3486, 21.1106



Tritanopia

18.7518, 19.3514, 23.8660

Trichromacy



Original Color

18.1565, 19.2926, 20.8561

Protanomaly

18.3959, 19.2418, 20.5138

Deuteranomaly

19.0118, 19.1880, 21.1140

Tritanomaly

18.5533, 19.2720, 22.8207

Monochromacy



Original Color

18.1565, 19.2926, 20.8561

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.1737, 19.1202, 20.8219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1565, 19.2926, 20.8561 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, 122, 121) looks like.

```
.text, #text, p{  
    color:rgb(120, 122, 121)  
}
```

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, 122, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 122, 121) }
```

Border

The CSS property to change the border of an element to XYZ 18.1565, 19.2926, 20.8561 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, 122, 121) }
```

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

```
.border{ border-color:rgb(120, 122, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 122, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 122, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 122, 121);  
box-shadow:4px 4px 4px 4px rgb(120, 122,  
121) }
```


Background

The CSS property to change the background color of an element to XYZ 18.1565, 19.2926, 20.8561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 122, 121) }
```

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

```
.background{ background-color: rgb(120,  
122, 121) }
```

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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