

Converting Colors

XYZ(18.0203, 18.9346, 21.8385)

Have a look what the booklet for
XYZ(18.0203, 18.9346, 21.8385)
contains.

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Color

**XYZ(18.0832, 19.0519,
21.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	77797C
RGB	119, 121, 124
RGB Percent	47%, 47%, 49%
CMY	0.5333, 0.5255, 0.5137
CMYK	0.04, 0.02, 0.00, 0.51
HSL	216°, 2%, 48%
HSV	216°, 4%, 49%
XYZ	18.0832, 19.0519, 21.7931
YIQ	120.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

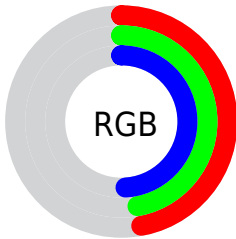
Format	Color
R_{YB}	119, 120, 124
Decimal	7829884
CIE Lab	50.75, -0.13, -1.91
CIE LCh	51, 1.912, 266.019
Yxy	19.0519, 0.3069, 0.3233
Android (android.graphics.Color)	4286019964 (0xFF77797C)
YUV	120.7440, 1.6052, -1.5295
Hunter-Lab	43.6485, -2.4338, 0.9512

Details

The XYZ color **18.0832, 19.0519, 21.7931** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.6015, 19.5359, 20.2434**, and the grayscale version is **18.0873, 19.0292, 20.7228**.

A 20% lighter version of the original color is **39.5746, 41.6797, 47.0335**, and **6.2511, 6.6127, 7.6035** is the 20% darker color. If you saturate the color by 10%, you get **15.6223, 16.4937, 21.4293**, and if you desaturate by 10%, it is **20.8369, 21.8655, 22.1913**.

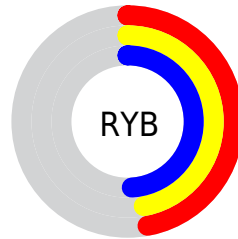
Distribution



Red (47%)

Green (47%)

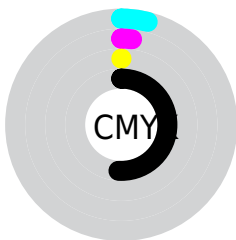
Blue (49%)



Red (47%)

Yellow (47%)

Blue (49%)

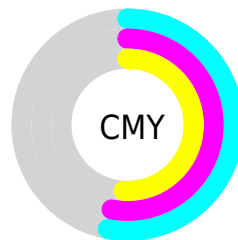


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0832, 19.0519, 21.7931 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 18.0832, 19.0519, 21.7931 by changing the saturation by 10% instead.

■ 18.0832, 19.0519,
21.7931

■ 18.0832, 19.0519,
21.7931

234.3761,
246.7351, 274.3820

■ 11.1098, 11.7078,
13.5081

■ 39.7080, 41.8218,
47.3016

■ 6.2086, 6.5450,
7.6445

■ 55.0901, 58.0163,
65.3622

■ 3.0142, 3.1792,
3.7838

■ 74.0059, 77.9298,
87.5183

■ 1.1613, 1.2260,
1.5075

96.8205, 101.9466,
114.1886

■ 0.0755, 0.0828,
0.2235

123.8996,
130.4512, 145.7916

■ 0.0000, 0.0000,
0.0000

155.6083,

163.8279, 182.7458

192.3120,
202.4610, 225.4698

■ 18.0832, 19.0519,
21.7931

■ 18.0832, 19.0519,
21.7931

■ 15.6223, 16.4937,
21.4293

■ 20.8369, 21.8655,
22.1913

■ 13.4426, 14.1810,
21.0978

■ 23.8913, 24.9393,
22.6236

■ 11.5337, 12.1067,
20.7980

■ 27.2562, 28.2809,
23.0913

■ 9.8845, 10.2623,
20.5289

■ 30.9403, 31.8969,
23.5951

■ 8.4825, 8.6390,
20.2895

■ 34.9519, 35.7938,
24.1358

■ 7.3144, 7.2272,
20.0786

■ 39.2990, 39.9777,
24.7143

■ 6.3655, 6.0165,
19.8949

■ 43.9896, 44.4545,
25.3312

■ 5.6193, 4.9954,
19.7371

■ 49.0310, 49.2300,
25.9872

■ 5.0540, 4.1494,
19.6036

■ 54.4306, 54.3098,
26.6831

Harmonies

Analogous

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



17.9072, 19.0519, 21.6137



18.0832, 19.0519, 21.7931



18.2671, 19.0519, 21.6875

Triad

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



18.0832, 19.0519, 21.7931



18.4347, 19.0519, 20.2939



17.8105, 19.0519, 20.1716

Complementary

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



18.0832, 19.0519, 21.7931



18.6015, 19.5359, 20.2434

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.



17.9503, 19.0519, 19.8288



18.0832, 19.0519, 21.7931



18.3108, 19.0519, 19.8985

Square

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



18.0832, 19.0519, 21.7931



18.4709, 19.0519, 20.8162



18.1333, 19.0519, 19.7297



17.7504, 19.0519, 20.6726

Rectangle

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



18.0832, 19.0519, 21.7931



18.3693, 19.0519, 21.4707



18.1333, 19.0519, 19.7297



17.8497, 19.0519, 20.0344

Sweetspot

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



18.0837, 19.0527, 21.7935



33.2255, 34.9694, 38.5552



18.3234, 19.7406, 21.2302



7.8333, 8.2443, 9.0815



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.0837, 19.0527, 21.7935



31.3276, 33.0172, 38.2784



17.9003, 18.6007, 21.7159



4.1292, 4.3523, 5.0656



4.8404, 3.7631, 19.8565



22.3036, 16.3799, 94.4559

Inverse Universe

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



18.3606, 18.8596, 20.7626



31.9429, 32.5929, 35.9862



18.7898, 20.0016, 20.3234



4.2155, 4.2929, 4.7439



9.0265, 4.5868, 3.4306



42.6610, 21.7207, 14.2767

Previews

White Background



This preview shows how the XYZ color 18.0832, 19.0519, 21.7931 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 18.0832, 19.0519, 21.7931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

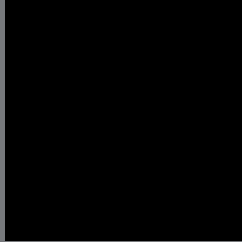
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

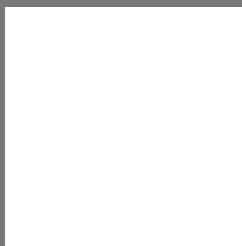
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0832, 19.0519, 21.7931

Background



This preview shows how black text looks on a background with the XYZ color 18.0832, 19.0519, 21.7931.



This preview shows how white text looks on a background with the XYZ color 18.0832, 19.0519,

21.7931.

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

18.0832, 19.0519, 21.7931

Protanopia

18.3177, 19.0006, 21.4409

Deuteranopia

19.4230, 19.0285, 22.0512



Tritanopia

18.4915, 19.0377, 23.8191

Trichromacy



Original Color

18.0832, 19.0519, 21.7931

Protanomaly

18.1768, 18.9279, 21.4343

Deuteranomaly

18.9325, 18.9496, 22.0618

Tritanomaly

18.3585, 18.9845, 23.1189

Monochromacy



Original Color

18.0832, 19.0519, 21.7931

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0960, 19.0730, 21.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0832, 19.0519, 21.7931 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(119, 121, 124)` looks like.

```
.text, #text, p{  
    color:rgb(119, 121, 124)  
}
```

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(119, 121, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 121, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.0832, 19.0519, 21.7931 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(119, 121, 124) }
```


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

```
.border{ border-color:rgb(119, 121, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 121, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 121, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 121, 124);  
box-shadow:4px 4px 4px 4px rgb(119, 121,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0832, 19.0519, 21.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 121, 124) }
```

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

```
.background{ background-color: rgb(119,  
121, 124) }
```

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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