

Converting Colors

XYZ(19.0031, 20.7199, 22.9123)

Have a look what the booklet for
XYZ(19.0031, 20.7199, 22.9123)
contains.

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Color

**XYZ(19.1577, 20.8926,
23.1016)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 77807F |
| RGB | 119, 128, 127 |
| RGB Percent | 47%, 50%, 50% |
| CMY | 0.5333, 0.4980, 0.5020 |
| CMYK | 0.07, 0.00, 0.01, 0.50 |
| HSL | 173°, 4%, 48% |
| HSV | 173°, 7%, 50% |
| XYZ | 19.1577, 20.8926, 23.1016 |
| YIQ | 125.1950, -5.0430, -2.2190 |

Conversions

Conversions Part 2

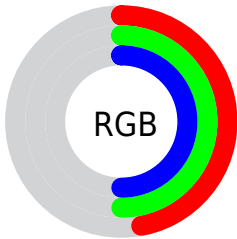
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 119, 124, 128 |
| Decimal | 7831679 |
| CIELab | 52.83, -3.53, -0.61 |
| CIElCh | 53, 3.581, 189.823 |
| Yxy | 20.8926, 0.3034, 0.3308 |
| Android (android.graphics.Color) | 4286021759 (0xFF77807F) |
| YUV | 125.1950, 0.8899, -5.4330 |
| Hunter-Lab | 45.7084, -5.1753, 2.0300 |

Details

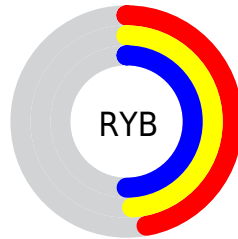
The XYZ color **19.1577, 20.8926, 23.1016** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8899, 19.1395, 20.4690**, and the grayscale version is **19.5575, 20.5760, 22.4073**.

A 20% lighter version of the original color is **41.5567, 45.0010, 49.6758**, and **6.7697, 7.4816, 8.2950** is the 20% darker color. If you saturate the color by 10%, you get **17.4259, 20.0111, 22.5395**, and if you desaturate by 10%, it is **21.1286, 21.8984, 23.6826**.

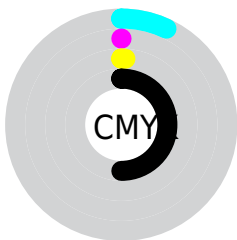
Distribution



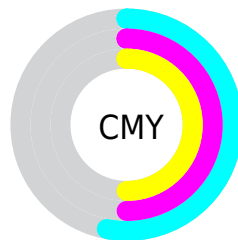
- Red (47%)
- Green (50%)
- Blue (50%)



- Red (47%)
- Yellow (49%)
- Blue (50%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1577, 20.8926, 23.1016 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 19.1577, 20.8926, 23.1016 by changing the saturation by 10% instead.

■ 19.1577, 20.8926,
23.1016

■ 19.1577, 20.8926,
23.1016

240.2394,
256.7072, 281.3852

■ 11.8890, 13.0455,
14.4625

■ 41.5152, 44.9087,
49.4854

■ 6.7398, 7.4599,
8.3007

■ 57.3347, 61.8466,
68.0672

■ 3.3448, 3.7513,
4.1974

■ 76.7352, 82.5834,
90.8004

■ 1.3386, 1.5355,
1.7343

100.0820,
107.5037, 118.1035

■ 0.2118, 0.3135,
0.3840

127.7404,
136.9919, 150.3949

■ 0.0000, 0.0000,
0.0000

160.0759,

171.4322, 188.0933

197.4538,
211.2092, 231.6173

■ 19.1577, 20.8926,
23.1016

■ 19.1577, 20.8926,
23.1016

■ 17.4259, 20.0111,
22.5395

■ 21.1286, 21.8984,
23.6826

■ 15.9221, 19.2463,
21.9945

■ 23.3458, 23.0305,
24.2816

■ 14.6367, 18.5941,
21.4665

■ 25.8183, 24.2939,
24.8994

■ 13.5592, 18.0488,
20.9551

■ 28.5539, 25.6930,
25.5365

■ 12.6777, 17.6044,
20.4595

■ 31.5605, 27.2315,
26.1932

■ 11.9794, 17.2543,
19.9793

■ 34.8454, 28.9133,
26.8700

■ 11.4500, 16.9912,
19.5136

■ 38.4156, 30.7421,
27.5671

■ 11.0728, 16.8063,
19.0617

■ 42.2780, 32.7213,
28.2850

■ 10.8144, 16.6825,
18.6220

■ 46.4391, 34.8544,
29.0239

Harmonies

Analogous

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



19.1905, 20.8926, 22.0456



19.1577, 20.8926, 23.1016



19.3107, 20.8926, 24.0929

Triad

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



19.1577, 20.8926, 23.1016



20.3218, 20.8926, 24.3670



20.1068, 20.8926, 20.8699

Complementary

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



19.1577, 20.8926, 23.1016



18.8899, 19.1395, 20.4690

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.



20.4152, 20.8926, 21.4551



19.1577, 20.8926, 23.1016



20.5404, 20.8926, 23.4662

Square

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



19.1577, 20.8926, 23.1016



19.9807, 20.8926, 24.8385



20.5747, 20.8926, 22.3990



19.7354, 20.8926, 20.7792

Rectangle

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



19.1577, 20.8926, 23.1016



19.4985, 20.8926, 24.5755



20.5747, 20.8926, 22.3990



20.2214, 20.8926, 21.0144

Sweetspot

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



19.1583, 20.8935, 23.1021



35.4059, 37.6392, 41.1784



18.8023, 20.7678, 20.4707



8.3012, 8.8183, 9.6444



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



19.1583, 20.8935, 23.1021



33.3572, 36.5946, 40.5571



18.7815, 20.0347, 23.3003



4.4265, 4.8789, 5.4170



10.6520, 16.5074, 18.3379



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.8899, 19.1395, 20.4690



32.8114, 33.0278, 35.2028



19.2475, 19.9517, 20.2897



4.3457, 4.3514, 4.6252



8.9076, 4.5828, 0.8375



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.1577, 20.8926, 23.1016 looks on a white background.

Color Contrast Check

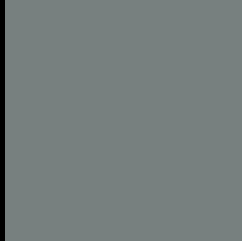
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1577, 20.8926, 23.1016 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

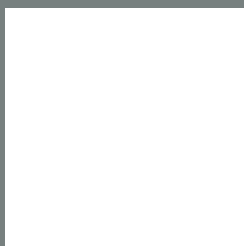
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1577, 20.8926, 23.1016

Background



This preview shows how black text looks on a background with the XYZ color 19.1577, 20.8926, 23.1016.



This preview shows how white text looks on a background with the XYZ color 19.1577, 20.8926,

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

19.1577, 20.8926, 23.1016

Protanopia

19.9374, 20.7371, 22.3539

Deuteranopia

21.1723, 20.7959, 23.3202



Tritanopia

19.9899, 21.0498, 26.6764

Trichromacy



Original Color

19.1577, 20.8926, 23.1016

Protanomaly

19.6842, 20.7880, 22.7137

Deuteranomaly

20.3099, 20.7196, 23.3509

Tritanomaly

19.5687, 20.8653, 25.1863

Monochromacy



Original Color

19.1577, 20.8926, 23.1016

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.3951, 20.6390, 22.7002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1577, 20.8926, 23.1016 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, 128, 127)` looks like.

```
.text, #text, p{  
    color:rgb(119, 128, 127)  
}
```

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, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 128, 127) }
```

Border

The CSS property to change the border of an element to XYZ 19.1577, 20.8926, 23.1016 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, 128, 127) }
```


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

```
.border{ border-color:rgb(119, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 128, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 128, 127); box-shadow:4px 4px 4px 4px rgb(119, 128, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1577, 20.8926, 23.1016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 128, 127) }
```

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

```
.background{ background-color: rgb(119,  
128, 127) }
```

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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