

Converting Colors

XYZ(19.1485, 18.9125, 23.4289)

Have a look what the booklet for
XYZ(19.1485, 18.9125, 23.4289)
contains.

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Color

**XYZ(19.0761, 18.8196,
23.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7581
RGB	127, 117, 129
RGB Percent	50%, 46%, 51%
CMY	0.5020, 0.5412, 0.4941
CMYK	0.02, 0.09, 0.00, 0.49
HSL	290°, 5%, 48%
HSV	290°, 9%, 51%
XYZ	19.0761, 18.8196, 23.3960
YIQ	121.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

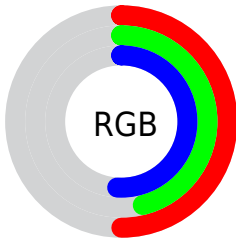
Format	Color
R_{YB}	127, 117, 129
Decimal	8353153
CIE Lab	50.48, 6.21, -5.18
CIE LCh	50, 8.086, 320.183
Yxy	18.8196, 0.3112, 0.3070
Android (android.graphics.Color)	4286543233 (0xFF7F7581)
YUV	121.3580, 3.7675, 4.9480
Hunter-Lab	43.3816, 2.5738, -1.6084

Details

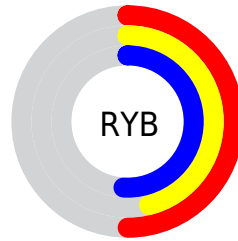
The XYZ color **19.0761, 18.8196, 23.3960** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.6697, 20.9073, 19.8822**, and the grayscale version is **18.2780, 19.2298, 20.9413**.

A 20% lighter version of the original color is **41.4539, 41.4566, 50.0730**, and **6.7180, 6.4551, 8.4813** is the 20% darker color. If you saturate the color by 10%, you get **17.3587, 15.8551, 22.9146**, and if you desaturate by 10%, it is **21.0085, 22.2035, 23.9476**.

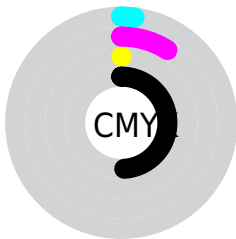
Distribution



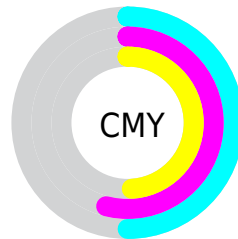
- Red (50%)
- Green (46%)
- Blue (51%)



- Red (50%)
- Yellow (46%)
- Blue (51%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0761, 18.8196, 23.3960 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 19.0761, 18.8196, 23.3960 by changing the saturation by 10% instead.

■ 19.0761, 18.8196,
23.3960

■ 19.0761, 18.8196,
23.3960

239.7986,
245.4510, 282.9400

■ 11.8296, 11.5400,
14.6781

■ 41.3785, 41.4290,
49.9742

■ 6.6991, 6.4313,
8.4497

■ 57.1652, 57.5277,
68.6715

■ 3.3193, 3.1091,
4.2922

■ 76.5293, 77.3348,
91.5325

■ 1.3248, 1.1889,
1.7869

99.8361, 101.2347,
118.9756

■ 0.2017, 0.0526,
0.4193

127.4511,
129.6119, 151.4193

■ 0.0000, 0.0000,
0.0000

159.7397,

162.8508, 189.2823

197.0670,
201.3357, 232.9830

■ 19.0761, 18.8196,
23.3960

■ 19.0761, 18.8196,
23.3960

■ 17.3587, 15.8551,
22.9146

■ 21.0085, 22.2035,
23.9476

■ 15.8464, 13.2907,
22.4993

■ 23.1624, 26.0204,
24.5708

■ 14.5305, 11.1093,
22.1476

■ 25.5458, 30.2860,
25.2685

■ 13.4014, 9.2915,
21.8563

■ 28.1659, 35.0147,
26.0432

■ 12.4484, 7.8161,
21.6217

■ 31.0296, 40.2203,
26.8970

■ 11.6599, 6.6598,
21.4401

■ 34.1435, 45.9157,
27.8322

■ 11.0228, 5.7965,
21.3070

■ 37.5139, 52.1137,
28.8509

■ 10.5218, 5.1956,
21.2175

■ 41.1469, 58.8264,
29.9551

■ 10.1134, 4.7705,
21.1569

■ 45.0485, 66.0655,
31.1468

Harmonies

Analogous

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



18.4151, 18.8196, 24.8378



19.0761, 18.8196, 23.3960



19.4216, 18.8196, 21.2398

Triad

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



19.0761, 18.8196, 23.3960



18.1469, 18.8196, 16.5078



16.5033, 18.8196, 22.0245

Complementary

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



19.0761, 18.8196, 23.3960



18.6697, 20.9073, 19.8822

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.



16.4363, 18.8196, 19.7607



19.0761, 18.8196, 23.3960



17.3700, 18.8196, 16.6841

Square

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



19.0761, 18.8196, 23.3960



18.8748, 18.8196, 17.3372



16.7493, 18.8196, 17.8376



16.9351, 18.8196, 24.0066

Rectangle

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



19.0761, 18.8196, 23.3960



19.4198, 18.8196, 19.7341



16.7493, 18.8196, 17.8376



16.4379, 18.8196, 21.2678

Sweetspot

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



19.0766, 18.8204, 23.3964



36.2710, 37.3874, 42.4973



17.9200, 18.6091, 23.4166



8.1520, 8.3612, 9.6025



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.



19.0766, 18.8204, 23.3964



33.5298, 32.6054, 41.7187



19.1296, 18.8764, 22.1049



4.4300, 4.3773, 5.4247



9.8362, 4.6245, 20.6241



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.7450, 18.7225, 20.0797



32.8241, 32.3983, 34.6057



18.6260, 20.8585, 21.0701



4.3548, 4.3551, 4.6727



8.9648, 4.6056, 1.1385



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.0761, 18.8196, 23.3960 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 19.0761, 18.8196, 23.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

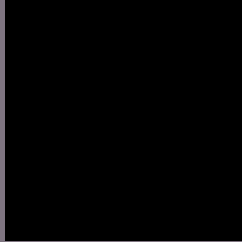
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0761, 18.8196, 23.3960

Background



This preview shows how black text looks on a background with the XYZ color 19.0761, 18.8196, 23.3960.



This preview shows how white text looks on a background with the XYZ color 19.0761, 18.8196,

23.3960.

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

19.0761, 18.8196, 23.3960

Protanopia

18.2338, 18.7273, 23.7728

Deuteranopia

19.2258, 18.8968, 23.4030



Tritanopia

18.9445, 18.7669, 22.7026

Trichromacy



Original Color

19.0761, 18.8196, 23.3960

Protanomaly

18.5337, 18.7061, 23.7529

Deuteranomaly

19.2258, 18.8968, 23.4030

Tritanomaly

19.0100, 18.7931, 23.0476

Monochromacy



Original Color

19.0761, 18.8196, 23.3960

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.5229, 19.0991, 21.7790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0761, 18.8196, 23.3960 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(127, 117, 129)` looks like.

```
.text, #text, p{  
    color:rgb(127, 117, 129)  
}
```

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(127, 117, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 117, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.0761, 18.8196, 23.3960 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(127, 117, 129) }
```


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

```
.border{ border-color:rgb(127, 117, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 117, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 117, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 117, 129);  
box-shadow:4px 4px 4px 4px rgb(127, 117,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0761, 18.8196, 23.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 117, 129) }
```

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

```
.background{ background-color: rgb(127,  
117, 129) }
```

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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