

Converting Colors

XYZ(18.9763, 18.8443, 22.3078)

Have a look what the booklet for
XYZ(18.9763, 18.8443, 22.3078)
contains.

XYZ(19.0293, 18.8181, 22.3680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0293, 18.8181,
22.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	80757E
RGB	128, 117, 126
RGB Percent	50%, 46%, 49%
CMY	0.4980, 0.5412, 0.5059
CMYK	0.00, 0.09, 0.02, 0.50
HSL	311°, 4%, 48%
HSV	311°, 9%, 50%
XYZ	19.0293, 18.8181, 22.3680
YIQ	121.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

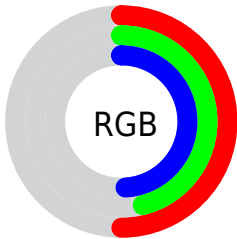
Format	Color
R_{YB}	128, 117, 126
Decimal	8418686
CIE _{Lab}	50.47, 5.98, -3.40
CIE _{LCh}	50, 6.878, 330.374
Yxy	18.8181, 0.3160, 0.3125
Android (android.graphics.Color)	4286608766 (0xFF80757E)
YUV	121.3150, 2.3097, 5.8627
Hunter-Lab	43.3798, 2.3873, -0.2059

Details

The XYZ color **19.0293, 18.8181, 22.3680** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3858, 20.5527, 20.4518**, and the grayscale version is **18.2682, 19.2196, 20.9301**.

A 20% lighter version of the original color is **41.3807, 41.4544, 48.4683**, and **6.6921, 6.4543, 7.9143** is the 20% darker color. If you saturate the color by 10%, you get **17.4904, 15.9778, 21.1227**, and if you desaturate by 10%, it is **20.7767, 22.0694, 23.7005**.

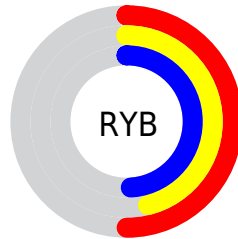
Distribution



Red (50%)

Green (46%)

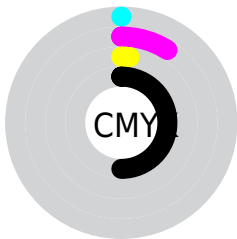
Blue (49%)



Red (50%)

Yellow (46%)

Blue (49%)

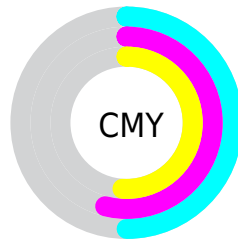


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (50%)



Cyan (50%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0293, 18.8181, 22.3680 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 19.0293, 18.8181, 22.3680 by changing the saturation by 10% instead.

■ 19.0293, 18.8181,
22.3680

■ 19.0293, 18.8181,
22.3680

239.5455,
245.4427, 277.4780

■ 11.7956, 11.5389,
13.9267

■ 41.3001, 41.4265,
48.2634

■ 6.6758, 6.4305,
7.9315

■ 57.0679, 57.5245,
66.5546

■ 3.3047, 3.1086,
3.9640

■ 76.4111, 77.3309,
88.9661

■ 1.3169, 1.1887,
1.6056

99.6950, 101.2301,
115.9166

■ 0.1958, 0.0524,
0.2948

127.2851,
129.6065, 147.8244

■ 0.0000, 0.0000,
0.0000

159.5466,

162.8445, 185.1083

196.8449,
201.3284, 228.1866

■ 19.0293, 18.8181,
22.3680

■ 19.0293, 18.8181,
22.3680

■ 17.4904, 15.9778,
21.1227

■ 20.7767, 22.0694,
23.7005

■ 16.1503, 13.5294,
19.9605

■ 22.7388, 25.7446,
25.1217

■ 15.0005, 11.4564,
18.8788

■ 24.9234, 29.8595,
26.6346

■ 14.0316, 9.7397,
17.8743

■ 27.3377, 34.4278,
28.2417

■ 13.2333, 8.3588,
16.9435

■ 29.9883, 39.4630,
29.9452

■ 12.5944, 7.2911,
16.0825

■ 32.8817, 44.9780,
31.7474

■ 12.1019, 6.5111,
15.2868

■ 36.0240, 50.9851,
33.6505

■ 11.7413, 5.9893,
14.5514

■ 39.4212, 57.4961,
35.6567

■ 11.4742, 5.6493,
13.8636

■ 43.0791, 64.5225,
37.7678

Harmonies

Analogous

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



18.5453, 18.8181, 23.8401



19.0293, 18.8181, 22.3680



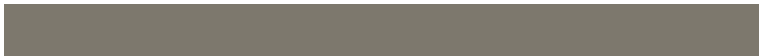
19.2053, 18.8181, 20.4656

Triad

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



19.0293, 18.8181, 22.3680



17.8776, 18.8181, 17.0177



16.7976, 18.8181, 22.4123

Complementary

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



19.0293, 18.8181, 22.3680



18.3858, 20.5527, 20.4518

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.



16.6286, 18.8181, 20.5138



19.0293, 18.8181, 22.3680



17.2426, 18.8181, 17.4689

Square

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



19.0293, 18.8181, 22.3680



18.5304, 18.8181, 17.4473



16.7895, 18.8181, 18.7196



17.2568, 18.8181, 23.8667

Rectangle

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



19.0293, 18.8181, 22.3680



19.1210, 18.8181, 19.2320



16.7895, 18.8181, 18.7196



16.7055, 18.8181, 21.8011

Sweetspot

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



19.0298, 18.8189, 22.3684



35.1570, 36.2030, 40.6586



17.8432, 18.1921, 22.9935



8.1782, 8.3774, 9.4789



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.



19.0298, 18.8189, 22.3684



33.0359, 32.2652, 39.0128



18.6948, 18.6849, 20.6041



4.4657, 4.3994, 5.2567



11.3416, 5.5563, 13.6545



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.0298, 18.8189, 22.3684



33.0359, 32.2652, 39.0128



18.7152, 20.6845, 22.1862



4.4657, 4.3994, 5.2567



11.3416, 5.5563, 13.6545



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.0293, 18.8181, 22.3680 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 19.0293, 18.8181, 22.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

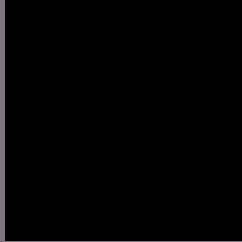
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0293, 18.8181, 22.3680

Background



This preview shows how black text looks on a background with the XYZ color 19.0293, 18.8181, 22.3680.



This preview shows how white text looks on a background with the XYZ color 19.0293, 18.8181,

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

19.0293, 18.8181, 22.3680

Protanopia

18.1733, 18.7190, 22.7340

Deuteranopia

19.1804, 18.8961, 22.3750



Tritanopia

19.0293, 18.8181, 22.3680

Trichromacy



Original Color

19.0293, 18.8181, 22.3680

Protanomaly

18.4776, 18.7001, 22.7143

Deuteranomaly

19.1804, 18.8961, 22.3750

Tritanomaly

19.0293, 18.8181, 22.3680

Monochromacy



Original Color

19.0293, 18.8181, 22.3680

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.6038, 19.1481, 21.4543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0293, 18.8181, 22.3680 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(128, 117, 126) looks like.

```
.text, #text, p{  
    color:rgb(128, 117, 126)  
}
```

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(128, 117, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 117, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.0293, 18.8181, 22.3680 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(128, 117, 126) }
```


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

```
.border{ border-color:rgb(128, 117, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 117, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 117, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 117, 126);  
box-shadow:4px 4px 4px 4px rgb(128, 117,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0293, 18.8181, 22.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 117, 126) }
```

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

```
.background{ background-color: rgb(128,  
117, 126) }
```

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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