

Converting Colors

XYZ(19.1185, 20.2374, 28.0671)

Have a look what the booklet for
XYZ(19.1185, 20.2374, 28.0671)
contains.

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Color

**XYZ(19.0808, 20.1677,
28.0864)**

Conversions

Conversions Part 1

Format	Color
Hex	727D8D
RGB	114, 125, 141
RGB Percent	45%, 49%, 55%
CMY	0.5529, 0.5098, 0.4471
CMYK	0.19, 0.11, 0.00, 0.45
HSL	216°, 11%, 50%
HSV	216°, 19%, 55%
XYZ	19.0808, 20.1677, 28.0864
YIQ	123.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

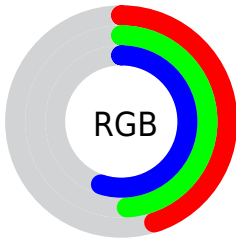
Format	Color
R_{YB}	114, 122, 141
Decimal	7503245
CIE Lab	52.03, -0.45, -10.03
CIE LCh	52, 10.037, 267.434
Yxy	20.1677, 0.2834, 0.2995
Android (android.graphics.Color)	4285693325 (0xFF727D8D)
YUV	123.5350, 8.6102, -8.3622
Hunter-Lab	44.9085, -2.7484, -5.6449

Details

The XYZ color **19.0808, 20.1677, 28.0864** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.0047, 22.8431, 19.1696**, and the grayscale version is **18.9793, 19.9677, 21.7448**.

A 20% lighter version of the original color is **41.4966, 43.8879, 57.9139**, and **6.7195, 7.0825, 10.9104** is the 20% darker color. If you saturate the color by 10%, you get **16.3728, 17.2674, 27.6696**, and if you desaturate by 10%, it is **22.1618, 23.3934, 28.5470**.

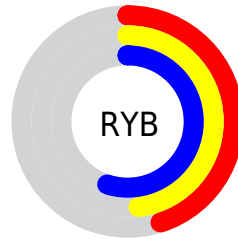
Distribution



Red (45%)

Green (49%)

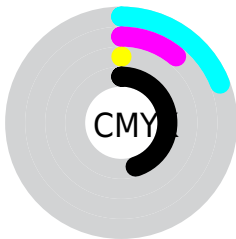
Blue (55%)



Red (45%)

Yellow (48%)

Blue (55%)

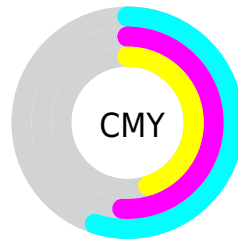


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0808, 20.1677, 28.0864 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 19.0808, 20.1677, 28.0864 by changing the saturation by 10% instead.

■ 19.0808, 20.1677,
28.0864

■ 19.0808, 20.1677,
28.0864

239.8240,
252.8215, 306.8045

■ 11.8330, 12.5170,
18.1512

■ 41.3864, 43.6982,
57.6471

■ 6.7015, 7.0968,
10.8880

■ 57.1749, 60.3467,
78.1097

■ 3.3208, 3.5227,
5.8784

■ 76.5411, 80.7634,
102.9185

■ 1.3256, 1.4103,
2.7037

■ 99.8503, 105.3325,
132.4920

■ 0.2022, 0.2243,
0.9453

127.4678,
134.4385, 167.2489

■ 0.0000, 0.0000,
0.0000

159.7590,

168.4657, 207.6075

197.0893,
207.7986, 253.9865

■ 19.0808, 20.1677,
28.0864

■ 19.0808, 20.1677,
28.0864

■ 16.3728, 17.2674,
27.6696

■ 22.1618, 23.3934,
28.5470

■ 14.0208, 14.6791,
27.2940

■ 25.6281, 26.9524,
29.0512

■ 12.0092, 12.3917,
26.9585

■ 29.4938, 30.8556,
29.6009

■ 10.3207, 10.3929,
26.6617

■ 33.7716, 35.1123,
30.1970

■ 8.9359, 8.6689,
26.4019

■ 38.4736, 39.7318,
30.8409

■ 7.8333, 7.2050,
26.1775

■ 43.6115, 44.7227,
31.5334

■ 6.9883, 5.9843,
25.9864

■ 49.1965, 50.0935,
32.2757

■ 6.3440, 4.9733,
25.8252

■ 55.2394, 55.8524,
33.0688

■ 6.2933, 4.8941,
25.8126

■ 61.7505, 62.0073,
33.9136

Harmonies

Analogous

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



18.1286, 20.1677, 27.0614



19.0808, 20.1677, 28.0864



20.0901, 20.1677, 27.3525

Triad

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



19.0808, 20.1677, 28.0864



20.9695, 20.1677, 19.4628



17.5572, 20.1677, 19.0623

Complementary

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



19.0808, 20.1677, 28.0864



22.0047, 22.8431, 19.1696

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.



18.2761, 20.1677, 17.3260



19.0808, 20.1677, 28.0864



20.2480, 20.1677, 17.5424

Square

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



19.0808, 20.1677, 28.0864



21.2033, 20.1677, 22.2126



19.2571, 20.1677, 16.7950



17.2687, 20.1677, 21.7078

Rectangle

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



19.0808, 20.1677, 28.0864



20.6555, 20.1677, 25.9977



19.2571, 20.1677, 16.7950



17.7552, 20.1677, 18.3622

Sweetspot

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



19.0814, 20.1685, 28.0869



41.4880, 43.7537, 51.3865



20.4773, 24.2326, 24.6298



9.1925, 9.6962, 11.4665



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.0814, 20.1685, 28.0869



31.9833, 33.7905, 49.9644



18.0613, 17.6885, 27.6619



5.2987, 5.5933, 6.8291



5.7531, 4.4922, 23.5409



0.0757, 0.0844, 0.2320

Inverse Universe

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



20.7040, 19.1786, 22.0135



35.4727, 31.7892, 36.8753



23.1683, 25.7325, 19.6660



5.4943, 5.4582, 6.1008



10.7070, 5.4398, 4.1084



0.1128, 0.0562, 0.0944

Previews

White Background



This preview shows how the XYZ color 19.0808, 20.1677, 28.0864 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 19.0808, 20.1677, 28.0864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

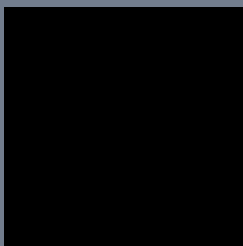
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

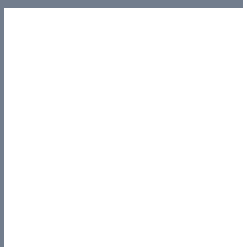
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0808, 20.1677, 28.0864

Background



This preview shows how black text looks on a background with the XYZ color 19.0808, 20.1677, 28.0864.



This preview shows how white text looks on a background with the XYZ color 19.0808, 20.1677,

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

19.0808, 20.1677, 28.0864

Protanopia

19.7017, 20.1243, 27.6569

Deuteranopia

20.4723, 20.1398, 28.3995



Tritanopia

18.7148, 20.2100, 26.2071

Trichromacy



Original Color

19.0808, 20.1677, 28.0864

Protanomaly

19.4125, 20.1603, 27.6791

Deuteranomaly

19.8681, 20.0096, 28.4063

Tritanomaly

18.8584, 20.2674, 26.9628

Monochromacy



Original Color

19.0808, 20.1677, 28.0864

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.9826, 20.0201, 23.9829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0808, 20.1677, 28.0864 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(114, 125, 141)` looks like.

```
.text, #text, p{  
    color:rgb(114, 125, 141)  
}
```

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(114, 125, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 125, 141) }
```

Border

The CSS property to change the border of an element to XYZ 19.0808, 20.1677, 28.0864 is called "border". The border property can be set on classes, ids or directly on the HTML element.

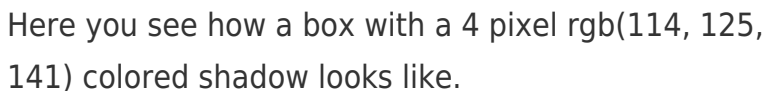
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 125, 141) }
```


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

```
.border{ border-color:rgb(114, 125, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 125, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 125, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 125, 141); box-shadow:4px 4px 4px 4px rgb(114, 125, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0808, 20.1677, 28.0864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 125, 141) }
```

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

```
.background{ background-color: rgb(114,  
125, 141) }
```

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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