

Converting Colors

XYZ(18.7864, 19.5602, 27.8860)

Have a look what the booklet for
XYZ(18.7864, 19.5602, 27.8860)
contains.

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Color

**XYZ(18.8301, 19.6664,
28.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	727B8D
RGB	114, 123, 141
RGB Percent	45%, 48%, 55%
CMY	0.5529, 0.5176, 0.4471
CMYK	0.19, 0.13, 0.00, 0.45
HSL	220°, 11%, 50%
HSV	220°, 19%, 55%
XYZ	18.8301, 19.6664, 28.0028
YIQ	122.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

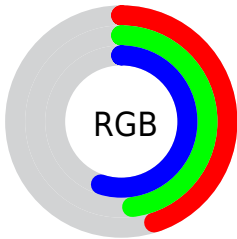
Format	Color
R_YB	114, 121, 141
Decimal	7502733
CIE _{Lab}	51.46, 0.71, -10.88
CIE _{LCh}	51, 10.904, 273.747
Yxy	19.6664, 0.2832, 0.2957
Android (android.graphics.Color)	4285692813 (0xFF727B8D)
YUV	122.3610, 9.1890, -7.3326
Hunter-Lab	44.3468, -1.8140, -6.3959

Details

The XYZ color **18.8301, 19.6664, 28.0028** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.2732, 23.3801, 19.2590**, and the grayscale version is **18.5906, 19.5588, 21.2995**.

A 20% lighter version of the original color is **40.9062, 42.7071, 57.7171**, and **6.5839, 6.8111, 10.8652** is the 20% darker color. If you saturate the color by 10%, you get **16.0251, 16.5722, 27.5537**, and if you desaturate by 10%, it is **22.0310, 23.1320, 28.5033**.

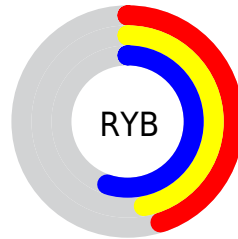
Distribution



Red (45%)

Green (48%)

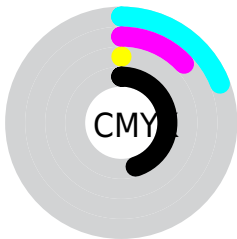
Blue (55%)



Red (45%)

Yellow (47%)

Blue (55%)

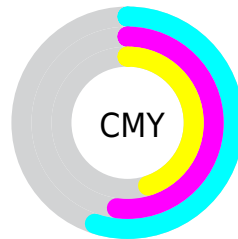


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8301, 19.6664, 28.0028 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 18.8301, 19.6664, 28.0028 by changing the saturation by 10% instead.

■ 18.8301, 19.6664,
28.0028

■ 18.8301, 19.6664,
28.0028

238.4654,
250.1034, 306.3927

■ 11.6509, 12.1528,
18.0887

■ 40.9659, 42.8572,
57.5121

■ 6.5769, 6.8478,
10.8436

■ 56.6532, 59.3031,
77.9443

■ 3.2429, 3.3671,
5.8489

■ 75.9072, 79.4953,
102.7197

■ 1.2835, 1.3263,
2.6861

■ 99.0932, 103.8181,
132.2568

■ 0.1708, 0.1614,
0.9364

126.5767,
132.6559, 166.9741

■ 0.0000, 0.0000,
0.0000

158.7230,

166.3931, 207.2901

195.8974,
205.4141, 253.6235

■ 18.8301, 19.6664,
28.0028

■ 18.8301, 19.6664,
28.0028

■ 16.0251, 16.5722,
27.5537

■ 22.0310, 23.1320,
28.5033

■ 13.5981, 13.8339,
27.1531

■ 25.6412, 26.9787,
29.0555

■ 11.5327, 11.4387,
26.7996

■ 29.6755, 31.2190,
29.6614

■ 9.8101, 9.3718,
26.4915

■ 34.1474, 35.8641,
30.3223

■ 8.4100, 7.6173,
26.2266

■ 39.0700, 40.9247,
31.0396

■ 7.3097, 6.1579,
26.0029

■ 44.4556, 46.4110,
31.8147

■ 6.4831, 4.9740,
25.8180

■ 50.3161, 52.3330,
32.6489

■ 5.8719, 4.0291,
25.6678

■ 56.6631, 58.7002,
33.5434

■ 5.8246, 3.9567,
25.6563

■ 63.5076, 65.5219,
34.4994

Harmonies

Analogous

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



17.7775, 19.6664, 27.2816



18.8301, 19.6664, 28.0028



19.8851, 19.6664, 26.8216

Triad

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



18.8301, 19.6664, 28.0028



20.4960, 19.6664, 18.2389



16.8690, 19.6664, 18.8583

Complementary

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



18.8301, 19.6664, 28.0028



22.2732, 23.3801, 19.2590

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.



17.5483, 19.6664, 16.7859



18.8301, 19.6664, 28.0028



19.6380, 19.6664, 16.4534

Square

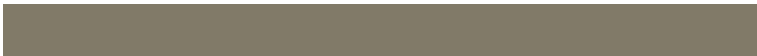
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.8301, 19.6664, 28.0028



20.8702, 19.6664, 21.0222



18.5552, 19.6664, 15.9484



16.6715, 19.6664, 21.8094

Rectangle

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



18.8301, 19.6664, 28.0028



20.4399, 19.6664, 25.1759



18.5552, 19.6664, 15.9484



17.0473, 19.6664, 18.0457

Sweetspot

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



18.8307, 19.6672, 28.0032



41.3273, 43.4322, 51.3329



20.5988, 24.2811, 25.2701



9.1535, 9.6184, 11.4535



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.



18.8307, 19.6672, 28.0032



31.4541, 32.7322, 49.7880



18.3035, 17.8132, 27.6732



5.2674, 5.5305, 6.8186



5.3243, 3.6346, 23.3980



0.0696, 0.0721, 0.2299

Inverse Universe

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



20.5774, 19.1279, 21.3473



35.2056, 31.6824, 35.4687



22.8708, 25.5791, 19.6519



5.4784, 5.4519, 6.0174



10.4906, 5.3532, 2.9688



0.1097, 0.0550, 0.0781

Previews

White Background



This preview shows how the XYZ color 18.8301, 19.6664, 28.0028 looks on a white background.

Color Contrast Check

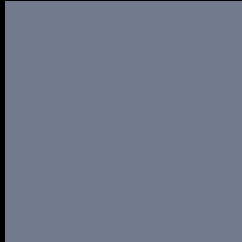
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8301, 19.6664, 28.0028 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

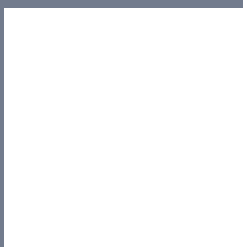
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8301, 19.6664, 28.0028

Background



This preview shows how black text looks on a background with the XYZ color 18.8301, 19.6664, 28.0028.



This preview shows how white text looks on a background with the XYZ color 18.8301, 19.6664,

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

18.8301, 19.6664, 28.0028

Protanopia

19.3009, 19.7345, 27.6028

Deuteranopia

19.9368, 19.5066, 28.3056



Tritanopia

18.3208, 19.6472, 25.3809

Trichromacy



Original Color

18.8301, 19.6664, 28.0028

Protanomaly

19.0293, 19.5944, 27.5901

Deuteranomaly

19.4841, 19.4509, 28.3187

Tritanomaly

18.5331, 19.7322, 26.4988

Monochromacy



Original Color

18.8301, 19.6664, 28.0028

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.5297, 19.4260, 23.5418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8301, 19.6664, 28.0028 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, 123, 141)` looks like.

```
.text, #text, p{  
    color:rgb(114, 123, 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, 123, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 123, 141) }
```

Border

The CSS property to change the border of an element to XYZ 18.8301, 19.6664, 28.0028 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, 123, 141) }
```


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

```
.border{ border-color:rgb(114, 123, 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, 123, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 123, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 123, 141);  
box-shadow:4px 4px 4px 4px rgb(114, 123,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8301, 19.6664, 28.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 123, 141) }
```

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

```
.background{ background-color: rgb(114,  
123, 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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