

Converting Colors

XYZ(18.0883, 19.8184, 29.2578)

Have a look what the booklet for
XYZ(18.0883, 19.8184, 29.2578)
contains.

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Color

**XYZ(18.0884, 19.8189,
29.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	677E90
RGB	103, 126, 144
RGB Percent	40%, 49%, 56%
CMY	0.5961, 0.5059, 0.4353
CMYK	0.28, 0.12, 0.00, 0.44
HSL	206°, 17%, 48%
HSV	206°, 28%, 56%
XYZ	18.0884, 19.8189, 29.2576
YIQ	121.1750, -19.4860, 0.7220

Conversions

Conversions Part 2

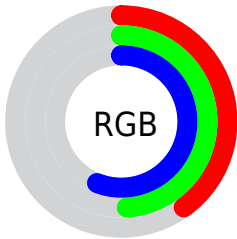
Format	Color
R_{YB}	103, 118, 144
Decimal	6782608
CIE _{Lab}	51.63, -3.92, -12.45
CIE _{LCh}	52, 13.054, 252.546
Yxy	19.8189, 0.2693, 0.2951
Android (android.graphics.Color)	4284972688 (0xFF677E90)
YUV	121.1750, 11.2527, -15.9395
Hunter-Lab	44.5184, -5.3804, -7.8026

Details

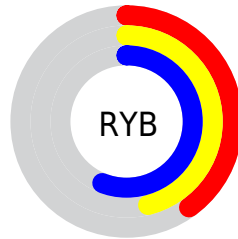
The XYZ color **18.0884, 19.8189, 29.2576** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.7874, 20.5834, 15.7098**, and the grayscale version is **18.2003, 19.1481, 20.8523**.

A 20% lighter version of the original color is **39.8307, 43.2860, 59.6818**, and **6.1956, 6.9002, 11.5950** is the 20% darker color. If you saturate the color by 10%, you get **15.7940, 17.4742, 28.9263**, and if you desaturate by 10%, it is **20.7196, 22.4140, 29.6202**.

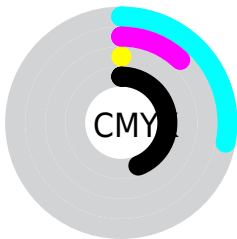
Distribution



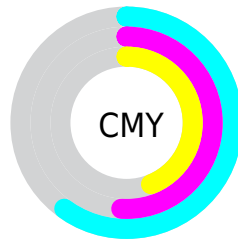
- Red (40%)
- Green (49%)
- Blue (56%)



- Red (40%)
- Yellow (46%)
- Blue (56%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (60%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0884, 19.8189, 29.2576 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 18.0884, 19.8189, 29.2576 by changing the saturation by 10% instead.

■ 18.0884, 19.8189,
29.2576

■ 18.0884, 19.8189,
29.2576

234.4048,
250.9330, 312.5273

■ 11.1135, 12.2635,
19.0285

■ 39.7168, 43.1133,
59.5332

■ 6.2111, 6.9234,
11.5139

■ 55.1011, 59.6212,
80.4167

■ 3.0157, 3.4142,
6.2951

■ 74.0192, 79.8819,
105.6889

■ 1.1621, 1.3516,
2.9537

■ 96.8365, 104.2799,
135.7682

■ 0.0761, 0.1807,
1.0710

123.9183,
133.1996, 171.0731

■ 0.0000, 0.0000,
0.0000

155.6301,

167.0255, 212.0223

192.3371,
206.1418, 259.0342

■ 18.0884, 19.8189,
29.2576

■ 18.0884, 19.8189,
29.2576

■ 15.7940, 17.4742,
28.9263

■ 20.7196, 22.4140,
29.6202

■ 13.8190, 15.3682,
28.6239

■ 23.7002, 25.2660,
30.0135

■ 12.1473, 13.4915,
28.3498

■ 27.0445, 28.3839,
30.4391

■ 10.7603, 11.8331,
28.1028

■ 30.7651, 31.7756,
30.8977

■ 9.6372, 10.3809,
27.8816

■ 34.8742, 35.4487,
31.3901

■ 8.7540, 9.1207,
27.6850

■ 39.3835, 39.4104,
31.9171

■ 8.0603, 8.0251,
27.5100

■ 44.3040, 43.6675,
32.4795

■ 7.9607, 7.8667,
27.4847

■ 49.6463, 48.2267,
33.0779

■ 55.4207, 53.0945,
33.7131

Harmonies

Analogous

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



17.0338, 19.8189, 26.8602



18.0884, 19.8189, 29.2576



19.3923, 19.8189, 29.4548

Triad

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



18.0884, 19.8189, 29.2576



21.4169, 19.8189, 20.0431



17.1775, 19.8189, 16.6683

Complementary

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



18.0884, 19.8189, 29.2576



20.7874, 20.5834, 15.7098

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.



18.2929, 19.8189, 15.2501



18.0884, 19.8189, 29.2576



20.7638, 19.8189, 17.0405

Square

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



18.0884, 19.8189, 29.2576



21.3559, 19.8189, 23.8270



19.6065, 19.8189, 15.3779



16.5249, 19.8189, 19.4778

Rectangle

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



18.0884, 19.8189, 29.2576



20.2317, 19.8189, 28.2832



19.6065, 19.8189, 15.3779



17.5084, 19.8189, 16.0286

Sweetspot

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



18.0890, 19.8197, 29.2581



41.4054, 44.1887, 52.8850



19.0041, 24.2052, 21.6851



9.3285, 9.9756, 12.1060



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.0890, 19.8197, 29.2581



29.3165, 32.3309, 51.2334



15.7546, 15.1508, 28.4799



5.3647, 5.7253, 6.8511



6.9558, 6.8977, 23.9419



0.0885, 0.1099, 0.2362

Inverse Universe

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



20.1182, 17.1366, 21.9869



33.5548, 27.0701, 35.9697



23.5144, 26.0374, 16.6188



5.5276, 5.4716, 6.2762



11.3141, 5.6827, 7.3054



0.1193, 0.0588, 0.1283

Previews

White Background



This preview shows how the XYZ color 18.0884, 19.8189, 29.2576 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 18.0884, 19.8189, 29.2576 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

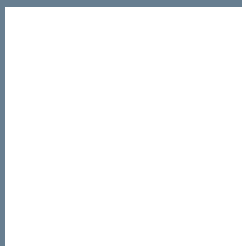
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0884, 19.8189, 29.2576

Background



This preview shows how black text looks on a background with the XYZ color 18.0884, 19.8189, 29.2576.



This preview shows how white text looks on a background with the XYZ color 18.0884, 19.8189,

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

18.0884, 19.8189, 29.2576

Protanopia

19.3750, 19.7641, 27.9930

Deuteranopia

20.1395, 19.7624, 29.5411



Tritanopia

17.5842, 19.8097, 26.5638

Trichromacy



Original Color

18.0884, 19.8189, 29.2576

Protanomaly

18.7755, 19.6296, 28.3905

Deuteranomaly

19.2728, 19.6764, 29.5702

Tritanomaly

17.8025, 19.8970, 27.7132

Monochromacy



Original Color

18.0884, 19.8189, 29.2576

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9848, 19.3283, 23.5517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0884, 19.8189, 29.2576 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(103, 126, 144)` looks like.

```
.text, #text, p{  
    color:rgb(103, 126, 144)  
}
```

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(103, 126, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 126, 144) }
```

Border

The CSS property to change the border of an element to XYZ 18.0884, 19.8189, 29.2576 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(103, 126, 144) }
```


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

```
.border{ border-color:rgb(103, 126, 144) }
```

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

Here you see how a box with a 4 pixel rgb(103, 126, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(103, 126,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0884, 19.8189, 29.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 126, 144) }
```

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

```
.background{ background-color: rgb(103,  
126, 144) }
```

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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