

Converting Colors

XYZ(18.9548, 19.9158, 28.0444)

Have a look what the booklet for
XYZ(18.9548, 19.9158, 28.0444)
contains.

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Color

**XYZ(18.9548, 19.9158,
28.0444)**

Conversions

Conversions Part 1

Format	Color
Hex	727C8D
RGB	114, 124, 141
RGB Percent	45%, 49%, 55%
CMY	0.5529, 0.5137, 0.4471
CMYK	0.19, 0.12, 0.00, 0.45
HSL	218°, 11%, 50%
HSV	218°, 19%, 55%
XYZ	18.9548, 19.9158, 28.0444
YIQ	122.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

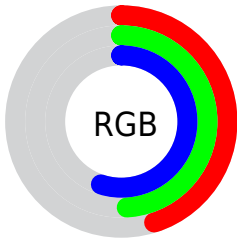
Format	Color
R_{YB}	114, 121, 141
Decimal	7502989
CIE _{Lab}	51.74, 0.13, -10.45
CIE _{LCh}	52, 10.455, 270.716
Yxy	19.9158, 0.2833, 0.2976
Android (android.graphics.Color)	4285693069 (0xFF727C8D)
YUV	122.9480, 8.8996, -7.8474
Hunter-Lab	44.6271, -2.2819, -6.0198

Details

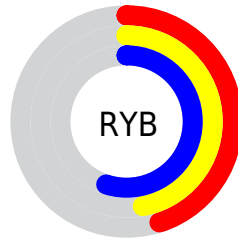
The XYZ color **18.9548, 19.9158, 28.0444** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.1382, 23.1102, 19.2139**, and the grayscale version is **18.7844, 19.7626, 21.5215**.

A 20% lighter version of the original color is **41.1015, 43.0978, 57.7822**, and **6.6512, 6.9457, 10.8876** is the 20% darker color. If you saturate the color by 10%, you get **16.1975, 16.9170, 27.6112**, and if you desaturate by 10%, it is **22.0962, 23.2624, 28.5251**.

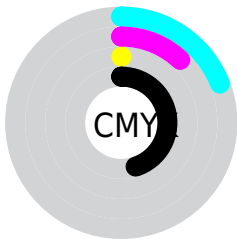
Distribution



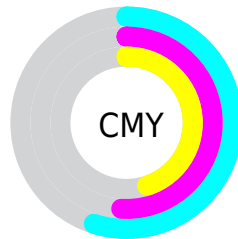
- Red (45%)
- Green (49%)
- Blue (55%)



- Red (45%)
- Yellow (47%)
- Blue (55%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)



- Cyan (55%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9548, 19.9158, 28.0444 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 18.9548, 19.9158, 28.0444 by changing the saturation by 10% instead.

■ 18.9548, 19.9158,
28.0444

■ 18.9548, 19.9158,
28.0444

239.1420,
251.4589, 306.5976

■ 11.7414, 12.3339,
18.1198

■ 41.1752, 43.2760,
57.5793

■ 6.6388, 6.9715,
10.8657

■ 56.9129, 59.8230,
78.0266

■ 3.2816, 3.4443,
5.8636

■ 76.2228, 80.1271,
102.8186

■ 1.3044, 1.3678,
2.6949

■ 99.4702, 104.5728,
132.3739

■ 0.1865, 0.1928,
0.9408

127.0204,
133.5445, 167.1108

■ 0.0000, 0.0000,
0.0000

159.2389,

167.4264, 207.4481

196.4910,
206.6031, 253.8042

■ 18.9548, 19.9158,
28.0444

■ 18.9548, 19.9158,
28.0444

■ 16.1975, 16.9170,
27.6112

■ 22.0962, 23.2624,
28.5251

■ 13.8070, 14.2515,
27.2227

■ 25.6346, 26.9655,
29.0534

■ 11.7672, 11.9076,
26.8778

■ 29.5843, 31.0367,
29.6310

■ 10.0601, 9.8717,
26.5748

■ 33.9585, 35.4864,
30.2594

■ 8.6659, 8.1291,
26.3119

■ 38.7698, 40.3243,
30.9396

■ 7.5627, 6.6637,
26.0873

■ 44.0300, 45.5599,
31.6729

■ 6.7249, 5.4576,
25.8986

■ 49.7508, 51.2024,
32.4605

■ 6.0953, 4.4758,
25.7423

■ 55.9433, 57.2606,
33.3035

■ 6.0461, 4.3997,
25.7302

■ 62.6182, 63.7430,
34.2029

Harmonies

Analogous

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



17.9521, 19.9158, 27.1708



18.9548, 19.9158, 28.0444



19.9871, 19.9158, 27.0863

Triad

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



18.9548, 19.9158, 28.0444



20.7318, 19.9158, 18.8444



17.2107, 19.9158, 18.9595

Complementary

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



18.9548, 19.9158, 28.0444



22.1382, 23.1102, 19.2139

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.



17.9097, 19.9158, 17.0540



18.9548, 19.9158, 28.0444



19.9414, 19.9158, 16.9921

Square

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



18.9548, 19.9158, 28.0444



21.0362, 19.9158, 21.6122



18.9040, 19.9158, 16.3678



16.9682, 19.9158, 21.7578

Rectangle

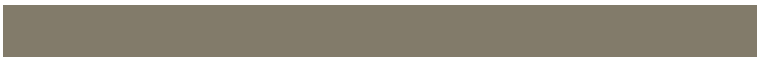
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.9548, 19.9158, 28.0444



20.5472, 19.9158, 25.5849



18.9040, 19.9158, 16.3678



17.3988, 19.9158, 18.2029

Sweetspot

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



18.9554, 19.9166, 28.0448



41.4075, 43.5928, 51.3597



20.5377, 24.2567, 24.9485



9.1730, 9.6572, 11.4600



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.



18.9554, 19.9166, 28.0448



31.7171, 33.2581, 49.8757



18.1817, 17.7505, 27.6675



5.2830, 5.5618, 6.8239



5.5270, 4.0401, 23.4656



0.0727, 0.0783, 0.2310

Inverse Universe

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



20.6404, 19.1531, 21.6787



35.3383, 31.7355, 36.1677



23.0189, 25.6555, 19.6588



5.4863, 5.4551, 6.0590



10.5929, 5.3942, 3.5076



0.1113, 0.0556, 0.0862

Previews

White Background



This preview shows how the XYZ color 18.9548, 19.9158, 28.0444 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 18.9548, 19.9158, 28.0444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

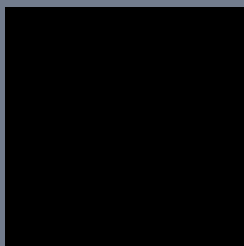
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

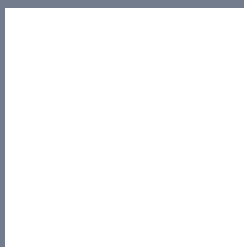
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9548, 19.9158, 28.0444

Background



This preview shows how black text looks on a background with the XYZ color 18.9548, 19.9158, 28.0444.



This preview shows how white text looks on a background with the XYZ color 18.9548, 19.9158,

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

18.9548, 19.9158, 28.0444

Protanopia

19.4389, 19.8056, 27.6093

Deuteranopia

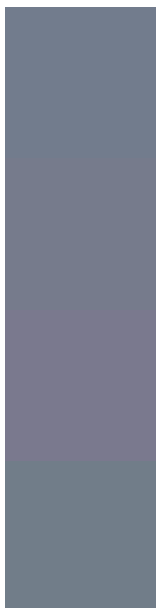
20.2031, 19.8216, 28.3523



Tritanopia

18.5168, 19.9272, 25.7921

Trichromacy



Original Color

18.9548, 19.9158, 28.0444

Protanomaly

19.2878, 19.9109, 27.6376

Deuteranomaly

19.7459, 19.7653, 28.3656

Tritanomaly

18.6590, 19.9841, 26.5408

Monochromacy



Original Color

18.9548, 19.9158, 28.0444

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8580, 19.7707, 23.9413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9548, 19.9158, 28.0444 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, 124, 141)` looks like.

```
.text, #text, p{  
    color:rgb(114, 124, 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, 124, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 124, 141) }
```

Border

The CSS property to change the border of an element to XYZ 18.9548, 19.9158, 28.0444 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, 124, 141) }
```


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

```
.border{ border-color:rgb(114, 124, 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, 124, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 124, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 124, 141);  
box-shadow:4px 4px 4px 4px rgb(114, 124,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9548, 19.9158, 28.0444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 124, 141) }
```

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

```
.background{ background-color: rgb(114,  
124, 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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