

Converting Colors

XYZ(18.4357, 19.4000, 29.7651)

Have a look what the booklet for
XYZ(18.4357, 19.4000, 29.7651)
contains.

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Color

**XYZ(18.4556, 19.4294,
29.9717)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7B92
RGB	108, 123, 146
RGB Percent	42%, 48%, 57%
CMY	0.5765, 0.5176, 0.4274
CMYK	0.26, 0.16, 0.00, 0.43
HSL	216°, 15%, 50%
HSV	216°, 26%, 57%
XYZ	18.4556, 19.4294, 29.9717
YIQ	121.1370, -16.3230, 3.9730

Conversions

Conversions Part 2

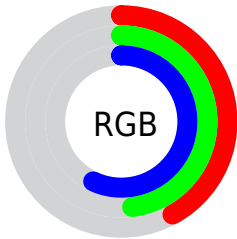
Format	Color
R_{YB}	108, 119, 146
Decimal	7109522
CIE _{Lab}	51.19, -0.06, -14.26
CIE _{LCh}	51, 14.263, 269.759
Yxy	19.4294, 0.2720, 0.2863
Android (android.graphics.Color)	4285299602 (0xFF6C7B92)
YUV	121.1370, 12.2575, -11.5211
Hunter-Lab	44.0788, -2.4007, -9.4595

Details

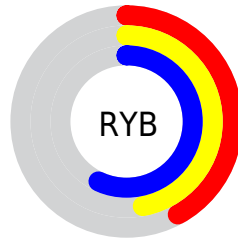
The XYZ color **18.4556, 19.4294, 29.9717** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.6774, 23.4264, 17.5143**, and the grayscale version is **18.1841, 19.1311, 20.8338**.

A 20% lighter version of the original color is **40.2525, 42.3037, 60.6875**, and **6.3180, 6.6536, 11.7778** is the 20% darker color. If you saturate the color by 10%, you get **15.7794, 16.4957, 29.5468**, and if you desaturate by 10%, it is **21.5293, 22.7159, 30.4444**.

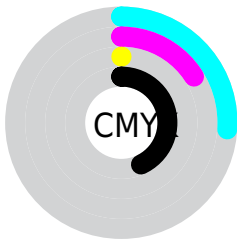
Distribution



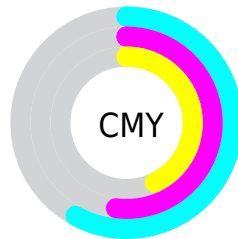
- Red (42%)
- Green (48%)
- Blue (57%)



- Red (42%)
- Yellow (47%)
- Blue (57%)



- Cyan (26%)
- Magenta (16%)
- Yellow (0%)
- Black (43%)



- Cyan (58%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4556, 19.4294, 29.9717 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 18.4556, 19.4294, 29.9717 by changing the saturation by 10% instead.

■ 18.4556, 19.4294,
29.9717

■ 18.4556, 19.4294,
29.9717

236.4229,
248.8091, 315.9757

■ 11.3792, 11.9810,
19.5652

■ 40.3362, 42.4584,
60.6779

■ 6.3917, 6.7307,
11.8985

■ 55.8711, 58.8078,
81.8147

■ 3.1276, 3.2943,
6.5529

■ 74.9562, 78.8930,
107.3654

■ 1.2216, 1.2872,
3.1099

■ 97.9570, 103.0983,
137.7485

■ 0.1233, 0.1313,
1.1510

125.2386,
131.8082, 173.3825

■ 0.0000, 0.0000,
0.0000

157.1666,

165.4070, 214.6860

194.1062,
204.2792, 262.0776

■ 18.4556, 19.4294,
29.9717

■ 18.4556, 19.4294,
29.9717

■ 15.7794, 16.4957,
29.5468

■ 21.5293, 22.7159,
30.4444

■ 13.4816, 13.8996,
29.1668

■ 25.0151, 26.3650,
30.9650

■ 11.5439, 11.6282,
28.8305

■ 28.9288, 30.3889,
31.5354

■ 9.9458, 9.6667,
28.5361

■ 33.2850, 34.7985,
32.1570

■ 8.6646, 7.9988,
28.2817

■ 38.0975, 39.6045,
32.8310

■ 7.6743, 6.6067,
28.0652

■ 43.3794, 44.8167,
33.5586

■ 6.9376, 5.4661,
27.8839

■ 49.1435, 50.4449,
34.3412

■ 6.6832, 5.0650,
27.8199

■ 55.4018, 56.4985,
35.1798

■ 62.1661, 62.9864,
36.0756

Harmonies

Analogous

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



17.1266, 19.4294, 28.6502



18.4556, 19.4294, 29.9717



19.8548, 19.4294, 28.6904

Triad

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



18.4556, 19.4294, 29.9717



20.9386, 19.4294, 17.5087



16.2086, 19.4294, 17.4586

Complementary

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



18.4556, 19.4294, 29.9717



22.6774, 23.4264, 17.5143

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.



17.1455, 19.4294, 15.0705



18.4556, 19.4294, 29.9717



19.8757, 19.4294, 15.0967

Square

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



18.4556, 19.4294, 29.9717



21.3323, 19.4294, 21.1882



18.4785, 19.4294, 14.2634



15.8706, 19.4294, 21.1225

Rectangle

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



18.4556, 19.4294, 29.9717



20.6293, 19.4294, 26.6158



18.4785, 19.4294, 14.2634



16.4615, 19.4294, 16.4979

Sweetspot

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



18.4562, 19.4302, 29.9721



42.7535, 45.0809, 54.4217



20.5468, 25.3796, 25.2180



9.3172, 9.8267, 12.0779



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.



18.4562, 19.4302, 29.9721



29.8296, 31.3025, 52.4433



17.2080, 16.2326, 29.4207



5.6761, 5.9862, 7.3260



5.9017, 4.4983, 24.4882



0.0996, 0.1098, 0.3088

Inverse Universe

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



20.7923, 18.2667, 21.1697



34.6958, 29.1095, 34.0554



24.1757, 27.4094, 18.2041



5.8900, 5.8510, 6.5267



11.1060, 5.6475, 4.0393



0.1497, 0.0746, 0.1221

Previews

White Background



This preview shows how the XYZ color 18.4556, 19.4294, 29.9717 looks on a white background.

Color Contrast Check

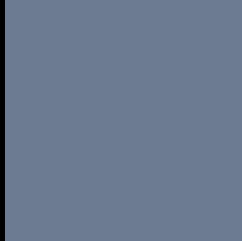
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4556, 19.4294, 29.9717 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

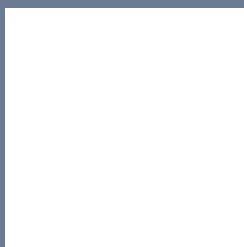
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4556, 19.4294, 29.9717

Background



This preview shows how black text looks on a background with the XYZ color 18.4556, 19.4294, 29.9717.



This preview shows how white text looks on a background with the XYZ color 18.4556, 19.4294,

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

18.4556, 19.4294, 29.9717

Protanopia

19.2075, 19.4703, 29.1313

Deuteranopia

19.7484, 19.3652, 30.3008



Tritanopia

17.6506, 19.4807, 25.7515

Trichromacy



Original Color

18.4556, 19.4294, 29.9717

Protanomaly

19.0098, 19.5408, 29.5579

Deuteranomaly

19.1854, 19.2525, 30.3087

Tritanomaly

17.9313, 19.4052, 27.2266

Monochromacy



Original Color

18.4556, 19.4294, 29.9717

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.1913, 19.2438, 23.8747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4556, 19.4294, 29.9717 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(108, 123, 146)` looks like.

```
.text, #text, p{  
    color:rgb(108, 123, 146)  
}
```

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(108, 123, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 123, 146) }
```

Border

The CSS property to change the border of an element to XYZ 18.4556, 19.4294, 29.9717 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(108, 123, 146) }
```


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

```
.border{ border-color:rgb(108, 123, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 123, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 123, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 123, 146);  
box-shadow:4px 4px 4px 4px rgb(108, 123,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4556, 19.4294, 29.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 123, 146) }
```

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

```
.background{ background-color: rgb(108,  
123, 146) }
```

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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