

Converting Colors

XYZ(17.0150, 19.4629, 29.4358)

Have a look what the booklet for
XYZ(17.0150, 19.4629, 29.4358)
contains.

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Color

**XYZ(16.9378, 19.4165,
29.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7F90
RGB	91, 127, 144
RGB Percent	36%, 50%, 56%
CMY	0.6431, 0.5020, 0.4353
CMYK	0.37, 0.12, 0.00, 0.44
HSL	199°, 23%, 46%
HSV	199°, 37%, 56%
XYZ	16.9378, 19.4165, 29.2406
YIQ	118.1740, -26.9130, -2.3450

Conversions

Conversions Part 2

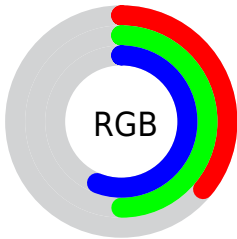
Format	Color
R_{YB}	91, 112, 144
Decimal	5996432
CIE _{Lab}	51.17, -8.16, -13.22
CIE _{LCh}	51, 15.538, 238.316
Yxy	19.4165, 0.2582, 0.2960
Android (android.graphics.Color)	4284186512 (0xFF5B7F90)
YUV	118.1740, 12.7322, -23.8316
Hunter-Lab	44.0642, -8.4987, -8.4994

Details

The XYZ color **16.9378, 19.4165, 29.2406** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7528, 17.4101, 12.2702**, and the grayscale version is **17.2423, 18.1402, 19.7547**.

A 20% lighter version of the original color is **37.8420, 42.5594, 59.6464**, and **5.6592, 6.7283, 11.5901** is the 20% darker color. If you saturate the color by 10%, you get **15.0694, 17.5884, 28.9866**, and if you desaturate by 10%, it is **19.1072, 21.4412, 29.5174**.

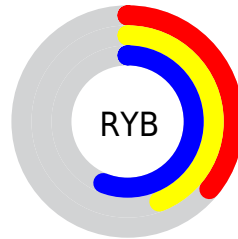
Distribution



Red (36%)

Green (50%)

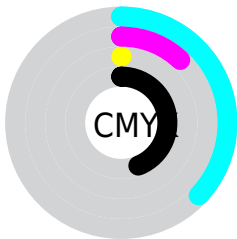
Blue (56%)



Red (36%)

Yellow (44%)

Blue (56%)

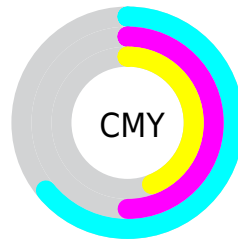


Cyan (37%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9378, 19.4165, 29.2406 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 16.9378, 19.4165, 29.2406 by changing the saturation by 10% instead.

■ 16.9378, 19.4165,
29.2406

■ 16.9378, 19.4165,
29.2406

227.9769,
248.7385, 312.4449

■ 10.2852, 11.9716,
19.0158

■ 37.7633, 42.4367,
59.5059

■ 5.6522, 6.7244,
11.5047

■ 52.6668, 58.7808,
80.3834

■ 2.6734, 3.2903,
6.2890

■ 71.0514, 78.8601,
105.6489

■ 0.9835, 1.2851,
2.9500

■ 93.2823, 103.0591,
135.7209

■ 0.0000, 0.1296,
1.0691

119.7250,
131.7619, 171.0179

■ 0.0000, 0.0000,
0.0000

150.7447,

165.3532, 211.9586

186.7069,
204.2173, 258.9614

■ 16.9378, 19.4165,
29.2406

■ 16.9378, 19.4165,
29.2406

■ 15.0694, 17.5884,
28.9866

■ 19.1072, 21.4412,
29.5174

■ 13.4842, 15.9459,
28.7531

■ 21.5904, 23.6685,
29.8164

■ 12.1652, 14.4802,
28.5397

■ 24.4019, 26.1066,
30.1389

■ 11.0927, 13.1805,
28.3453

■ 27.5546, 28.7627,
30.4854

■ 10.2439, 12.0345,
28.1689

■ 31.0605, 31.6436,
30.8567

■ 9.5811, 11.0222,
28.0084

■ 34.9313, 34.7558,
31.2534

■ 9.3845, 10.7143,
27.9594

■ 39.1779, 38.1053,
31.6760

■ 43.8109, 41.6980,
32.1253

■ 48.8403, 45.5398,
32.6018

Harmonies

Analogous

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



15.9607, 19.4165, 25.4399



16.9378, 19.4165, 29.2406



18.3676, 19.4165, 30.8387

Triad

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



16.9378, 19.4165, 29.2406



21.5869, 19.4165, 21.3923



17.0810, 19.4165, 14.5001

Complementary

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



16.9378, 19.4165, 29.2406



18.7528, 17.4101, 12.2702

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.



18.5422, 19.4165, 13.7253



16.9378, 19.4165, 29.2406



21.1960, 19.4165, 17.3564

Square

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



16.9378, 19.4165, 29.2406



21.1004, 19.4165, 25.9330



20.0598, 19.4165, 14.6954



16.0401, 19.4165, 16.9794

Rectangle

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



16.9378, 19.4165, 29.2406



19.4044, 19.4165, 30.2921



20.0598, 19.4165, 14.6954



17.5367, 19.4165, 14.0483

Sweetspot

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



16.9384, 19.4173, 29.2411



40.7735, 44.0975, 52.9007



16.9834, 23.2492, 17.7199



9.2145, 9.9948, 12.1157



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.



16.9384, 19.4173, 29.2411



27.1661, 31.6092, 51.2074



13.9752, 13.4908, 28.2533



5.4164, 5.8286, 6.8683



8.1938, 9.3736, 24.3545



0.0983, 0.1296, 0.2395

Inverse Universe

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



19.0740, 14.9443, 21.9587



31.5957, 22.9416, 35.9655



21.9546, 23.8137, 13.3374



5.5537, 5.4820, 6.4136



11.9390, 5.9326, 10.5959



0.1242, 0.0608, 0.1544

Previews

White Background



This preview shows how the XYZ color 16.9378, 19.4165, 29.2406 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 16.9378, 19.4165, 29.2406 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 16.9378, 19.4165, 29.2406

Background



This preview shows how black text looks on a background with the XYZ color 16.9378, 19.4165, 29.2406.



This preview shows how white text looks on a background with the XYZ color 16.9378, 19.4165,

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

16.9378, 19.4165, 29.2406

Protanopia

19.0422, 19.4197, 27.5557

Deuteranopia

19.6703, 19.3339, 29.8892



Tritanopia

16.5231, 19.4470, 26.9275

Trichromacy



Original Color

16.9378, 19.4165, 29.2406

Protanomaly

18.0750, 19.2772, 27.9675

Deuteranomaly

18.5008, 19.2784, 29.5341

Tritanomaly

16.6692, 19.5055, 27.6973

Monochromacy



Original Color

16.9378, 19.4165, 29.2406

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.8525, 18.3952, 22.7411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9378, 19.4165, 29.2406 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(91, 127, 144)` looks like.

```
.text, #text, p{  
    color:rgb(91, 127, 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(91, 127, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 127, 144) }
```

Border

The CSS property to change the border of an element to XYZ 16.9378, 19.4165, 29.2406 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(91, 127, 144) }
```


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

```
.border{ border-color:rgb(91, 127, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 127, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 127, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 127, 144);  
box-shadow:4px 4px 4px 4px rgb(91, 127,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9378, 19.4165, 29.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 127, 144) }
```

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

```
.background{ background-color: rgb(91, 127,  
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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