

Converting Colors

XYZ(17.9216, 19.0323, 29.4936)

Have a look what the booklet for
XYZ(17.9216, 19.0323, 29.4936)
contains.

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Color

**XYZ(17.8961, 18.9667,
29.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	697A91
RGB	105, 122, 145
RGB Percent	41%, 48%, 57%
CMY	0.5882, 0.5216, 0.4314
CMYK	0.28, 0.16, 0.00, 0.43
HSL	214°, 16%, 49%
HSV	214°, 28%, 57%
XYZ	17.8961, 18.9667, 29.5058
YIQ	119.5390, -17.5150, 3.5490

Conversions

Conversions Part 2

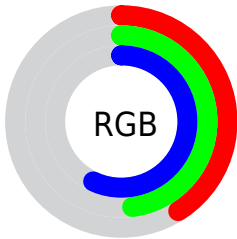
Format	Color
RYB	105, 117, 145
Decimal	6912657
CIELab	50.65, -0.70, -14.51
CIELCh	51, 14.529, 267.244
Yxy	18.9667, 0.2696, 0.2858
Android (android.graphics.Color)	4285102737 (0xFF697A91)
YUV	119.5390, 12.5523, -12.7507
Hunter-Lab	43.5508, -2.8638, -9.6836

Details

The XYZ color **17.8961, 18.9667, 29.5058** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.9463, 22.4782, 16.5472**, and the grayscale version is **17.6714, 18.5917, 20.2464**.

A 20% lighter version of the original color is **39.3495, 41.5637, 59.9815**, and **6.1452, 6.5645, 11.7697** is the 20% darker color. If you saturate the color by 10%, you get **15.3560, 16.2026, 29.1065**, and if you desaturate by 10%, it is **20.8157, 22.0577, 29.9489**.

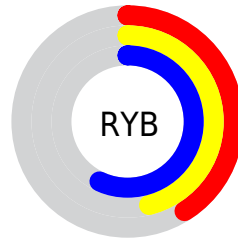
Distribution



Red (41%)

Green (48%)

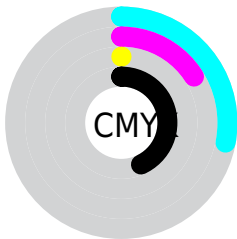
Blue (57%)



Red (41%)

Yellow (46%)

Blue (57%)

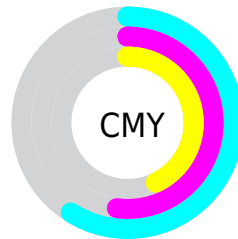


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (43%)



Cyan (59%)

Magenta (52%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8961, 18.9667, 29.5058 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 17.8961, 18.9667, 29.5058 by changing the saturation by 10% instead.

■ 17.8961, 18.9667,
29.5058

■ 17.8961, 18.9667,
29.5058

233.3417,
246.2649, 313.7293

■ 10.9747, 11.6462,
19.2149

■ 39.3917, 41.6778,
59.9315

■ 6.1170, 6.5033,
11.6473

■ 54.6965, 57.8373,
80.9034

■ 2.9577, 3.1534,
6.3844

■ 73.5265, 77.7118,
106.2727

■ 1.1314, 1.2124,
3.0076

■ 96.2471, 101.6858,
136.4579

■ 0.0512, 0.0718,
1.0985

123.2235,
130.1438, 171.8777

■ 0.0000, 0.0000,
0.0000

154.8212,

163.4700, 212.9505

191.4055,
202.0489, 260.0948

■ 17.8961, 18.9667,
29.5058

■ 17.8961, 18.9667,
29.5058

■ 15.3560, 16.2026,
29.1065

■ 20.8157, 22.0577,
29.9489

■ 13.1766, 13.7511,
28.7482

■ 24.1287, 25.4847,
30.4357

■ 11.3403, 11.6002,
28.4298

■ 27.8506, 29.2590,
30.9681

■ 9.8269, 9.7361,
28.1497

■ 31.9955, 33.3909,
31.5471

■ 8.6142, 8.1434,
27.9062

■ 36.5768, 37.8901,
32.1741

■ 7.6764, 6.8051,
27.6973

■ 41.6071, 42.7659,
32.8501

■ 6.9680, 5.6936,
27.5201

■ 47.0988, 48.0273,
33.5762

■ 6.8134, 5.4495,
27.4811

■ 53.0636, 53.6831,
34.3535

■ 59.5127, 59.7415,
35.1830

Harmonies

Analogous

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



16.5875, 18.9667, 27.9648



17.8961, 18.9667, 29.5058



19.3087, 18.9667, 28.4283

Triad

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



17.8961, 18.9667, 29.5058



20.5701, 18.9667, 17.2690



15.8234, 18.9667, 16.6965

Complementary

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



17.8961, 18.9667, 29.5058



21.9463, 22.4782, 16.5472

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.



16.8039, 18.9667, 14.4406



17.8961, 18.9667, 29.5058



19.5481, 18.9667, 14.7393

Square

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



17.8961, 18.9667, 29.5058



20.8997, 18.9667, 21.0304



18.1591, 18.9667, 13.7736



15.4309, 18.9667, 20.2772

Rectangle

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



17.8961, 18.9667, 29.5058



20.1112, 18.9667, 26.4390



18.1591, 18.9667, 13.7736



16.0926, 18.9667, 15.7769

Sweetspot

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



17.8967, 18.9675, 29.5062



42.8456, 45.2650, 54.4524



19.8259, 24.8042, 24.0504



9.3409, 9.8741, 12.0858



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.



17.8967, 18.9675, 29.5062



29.1946, 30.8778, 52.3949



16.3068, 15.3153, 28.8851



5.3062, 5.6083, 6.8316



5.8689, 4.7237, 23.5795



0.0772, 0.0873, 0.2325

Inverse Universe

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



20.2420, 17.5286, 20.7297



34.1689, 28.1086, 33.7166



23.8882, 27.0514, 17.3275



5.4980, 5.4597, 6.1207



10.7654, 5.4632, 4.4161



0.1136, 0.0565, 0.0983

Previews

White Background



This preview shows how the XYZ color 17.8961, 18.9667, 29.5058 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 17.8961, 18.9667, 29.5058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

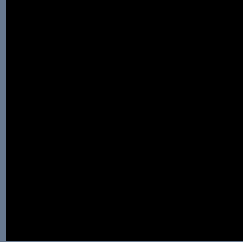
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

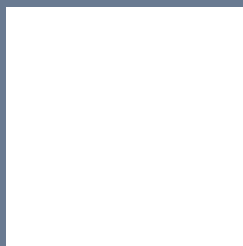
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.8961, 18.9667, 29.5058

Background



This preview shows how black text looks on a background with the XYZ color 17.8961, 18.9667, 29.5058.



This preview shows how white text looks on a background with the XYZ color 17.8961, 18.9667,

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

17.8961, 18.9667, 29.5058

Protanopia

18.6250, 18.8217, 28.6379

Deuteranopia

19.2745, 18.9541, 29.8368



Tritanopia

17.1042, 19.0201, 25.3240

Trichromacy



Original Color

17.8961, 18.9667, 29.5058

Protanomaly

18.3061, 18.8261, 29.0545

Deuteranomaly

18.7246, 18.8464, 29.8450

Tritanomaly

17.3793, 18.9440, 26.7853

Monochromacy



Original Color

17.8961, 18.9667, 29.5058

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8701, 18.9046, 23.4760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8961, 18.9667, 29.5058 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(105, 122, 145)` looks like.

```
.text, #text, p{  
    color:rgb(105, 122, 145)  
}
```

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(105, 122, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 122, 145) }
```

Border

The CSS property to change the border of an element to XYZ 17.8961, 18.9667, 29.5058 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(105, 122, 145) }
```


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

```
.border{ border-color:rgb(105, 122, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 122, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 122, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 122, 145);  
box-shadow:4px 4px 4px 4px rgb(105, 122,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8961, 18.9667, 29.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 122, 145) }
```

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

```
.background{ background-color: rgb(105,  
122, 145) }
```

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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