

Converting Colors

XYZ(17.8009, 18.4865, 28.8670)

Have a look what the booklet for
XYZ(17.8009, 18.4865, 28.8670)
contains.

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Color

**XYZ(17.9349, 18.6347,
29.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7890
RGB	108, 120, 144
RGB Percent	42%, 47%, 56%
CMY	0.5765, 0.5294, 0.4353
CMYK	0.25, 0.17, 0.00, 0.44
HSL	220°, 14%, 49%
HSV	220°, 25%, 56%
XYZ	17.9349, 18.6347, 29.0371
YIQ	119.1480, -14.8560, 4.9200

Conversions

Conversions Part 2

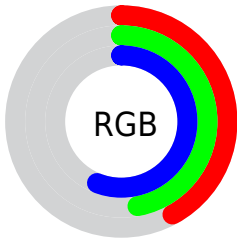
Format	Color
R_{YB}	108, 117, 144
Decimal	7108752
CIE _{Lab}	50.26, 1.19, -14.50
CIE _{LCh}	50, 14.547, 274.710
Yxy	18.6347, 0.2734, 0.2840
Android (android.graphics.Color)	4285298832 (0xFF6C7890)
YUV	119.1480, 12.2520, -9.7768
Hunter-Lab	43.1679, -1.3828, -9.6641

Details

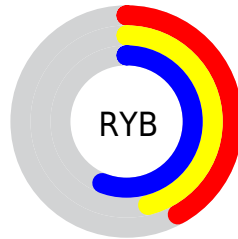
The XYZ color **17.9349, 18.6347, 29.0371** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.4600, 23.5148, 17.5431**, and the grayscale version is **17.5477, 18.4615, 20.1046**.

A 20% lighter version of the original color is **39.4428, 41.0558, 59.2718**, and **6.2012, 6.4035, 11.4988** is the 20% darker color. If you saturate the color by 10%, you get **15.2290, 15.6113, 28.5965**, and if you desaturate by 10%, it is **21.0471, 22.0403, 29.5307**.

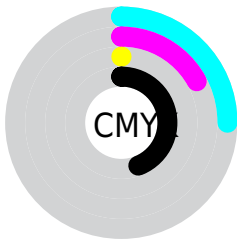
Distribution



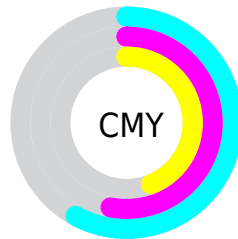
- Red (42%)
- Green (47%)
- Blue (56%)



- Red (42%)
- Yellow (46%)
- Blue (56%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9349, 18.6347, 29.0371 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 17.9349, 18.6347, 29.0371 by changing the saturation by 10% instead.

■ 17.9349, 18.6347,
29.0371

■ 17.9349, 18.6347,
29.0371

233.5565,
244.4246, 311.4564

■ 11.0027, 11.4066,
18.8631

■ 39.4573, 41.1159,
59.1789

■ 6.1359, 6.3410,
11.3956

■ 54.7782, 57.1378,
79.9838

■ 2.9694, 3.0535,
6.2161

■ 73.6260, 76.8598,
105.1693

■ 1.1376, 1.1597,
2.9060

■ 96.3661, 100.6663,
135.1541

■ 0.0562, 0.0285,
1.0468

123.3639,
128.9416, 170.3567

■ 0.0000, 0.0000,
0.0000

154.9846,

162.0701, 211.1955

191.5937,
200.4364, 258.0893

■ 17.9349, 18.6347,
29.0371

■ 17.9349, 18.6347,
29.0371

■ 15.2290, 15.6113,
28.5965

■ 21.0471, 22.0403,
29.5307

■ 12.9099, 12.9537,
28.2057

■ 24.5802, 25.8391,
30.0778

■ 10.9595, 10.6476,
27.8634

■ 28.5503, 30.0446,
30.6802

■ 9.3569, 8.6769,
27.5675

■ 32.9723, 34.6687,
31.3397

■ 8.0793, 7.0239,
27.3157

■ 37.8600, 39.7231,
32.0577

■ 7.1009, 5.6690,
27.1058

■ 43.2269, 45.2187,
32.8356

■ 6.3884, 4.5885,
26.9348

■ 49.0858, 51.1662,
33.6748

■ 6.0912, 4.1278,
26.8615

■ 55.4491, 57.5760,
34.5766

■ 62.3287, 64.4579,
35.5424

Harmonies

Analogous

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



16.5805, 18.6347, 28.1364



17.9349, 18.6347, 29.0371



19.2980, 18.6347, 27.3523

Triad

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



17.9349, 18.6347, 29.0371



20.0311, 18.6347, 16.1885



15.3755, 18.6347, 17.1555

Complementary

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



17.9349, 18.6347, 29.0371



22.4600, 23.5148, 17.5431

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.



16.2148, 18.6347, 14.5618



17.9349, 18.6347, 29.0371



18.8933, 18.6347, 14.0575

Square

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



17.9349, 18.6347, 29.0371



20.5484, 18.6347, 19.6602



17.4904, 18.6347, 13.5038



15.1489, 18.6347, 20.9332

Rectangle

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



17.9349, 18.6347, 29.0371



20.0140, 18.6347, 25.1056



17.4904, 18.6347, 13.5038



15.5931, 18.6347, 16.1333

Sweetspot

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



17.9355, 18.6355, 29.0375



41.9527, 44.0770, 52.8346



20.2820, 24.7846, 25.3305



9.5471, 10.0290, 12.1048



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.



17.9355, 18.6355, 29.0375



28.8666, 29.7914, 50.7669



17.2588, 16.2767, 28.6179



5.2673, 5.5305, 6.8186



5.3241, 3.6343, 23.3980



0.0696, 0.0721, 0.2299

Inverse Universe

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



20.2548, 18.0111, 20.1790



33.7279, 28.6718, 32.1572



23.2612, 26.4842, 18.0740



5.4784, 5.4519, 6.0173



10.4905, 5.3532, 2.9683



0.1097, 0.0550, 0.0781

Previews

White Background



This preview shows how the XYZ color 17.9349, 18.6347, 29.0371 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 17.9349, 18.6347, 29.0371 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

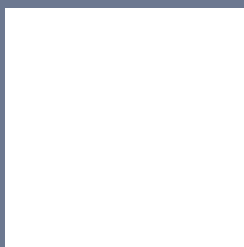
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9349, 18.6347, 29.0371

Background



This preview shows how black text looks on a background with the XYZ color 17.9349, 18.6347, 29.0371.



This preview shows how white text looks on a background with the XYZ color 17.9349, 18.6347,

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

17.9349, 18.6347, 29.0371

Protanopia

18.3758, 18.5174, 28.5923

Deuteranopia

18.9433, 18.6185, 29.3834



Tritanopia

17.0682, 18.6492, 24.5299

Trichromacy



Original Color

17.9349, 18.6347, 29.0371

Protanomaly

18.2368, 18.6216, 28.6197

Deuteranomaly

18.5287, 18.5786, 29.3975

Tritanomaly

17.3447, 18.5781, 25.9643

Monochromacy



Original Color

17.9349, 18.6347, 29.0371

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5633, 18.3970, 23.0474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9349, 18.6347, 29.0371 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, 120, 144)` looks like.

```
.text, #text, p{  
    color:rgb(108, 120, 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(108, 120, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 120, 144) }
```

Border

The CSS property to change the border of an element to XYZ 17.9349, 18.6347, 29.0371 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, 120, 144) }
```


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

```
.border{ border-color:rgb(108, 120, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 120, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 120, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 120, 144);  
box-shadow:4px 4px 4px 4px rgb(108, 120,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9349, 18.6347, 29.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 120, 144) }
```

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

```
.background{ background-color: rgb(108,  
120, 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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