

Converting Colors

XYZ(17.3930, 18.4450, 28.4047)

Have a look what the booklet for
XYZ(17.3930, 18.4450, 28.4047)
contains.

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Color

**XYZ(17.3079, 18.3290,
28.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	68788E
RGB	104, 120, 142
RGB Percent	41%, 47%, 56%
CMY	0.5921, 0.5294, 0.4431
CMYK	0.27, 0.15, 0.00, 0.44
HSL	215°, 15%, 48%
HSV	215°, 27%, 56%
XYZ	17.3079, 18.3290, 28.2168
YIQ	117.7240, -16.5980, 3.4500

Conversions

Conversions Part 2

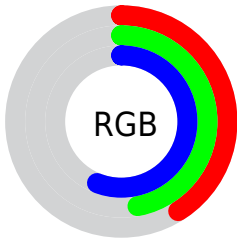
Format	Color
RYB	104, 115, 142
Decimal	6846606
CIELab	49.89, -0.62, -13.90
CIELCh	50, 13.916, 267.459
Yxy	18.3290, 0.2711, 0.2870
Android (android.graphics.Color)	4285036686 (0xFF68788E)
YUV	117.7240, 11.9681, -12.0359
Hunter-Lab	42.8124, -2.7589, -9.1082

Details

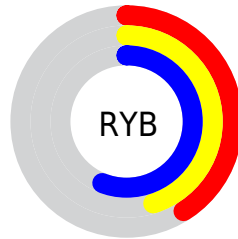
The XYZ color **17.3079, 18.3290, 28.2168** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.1152, 21.6722, 16.1675**, and the grayscale version is **17.1016, 17.9922, 19.5936**.

A 20% lighter version of the original color is **38.4266, 40.5585, 58.0278**, and **5.8800, 6.2482, 11.0213** is the 20% darker color. If you saturate the color by 10%, you get **14.8499, 15.6570, 27.8309**, and if you desaturate by 10%, it is **20.1296, 21.3154, 28.6448**.

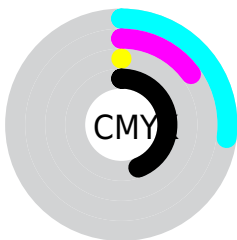
Distribution



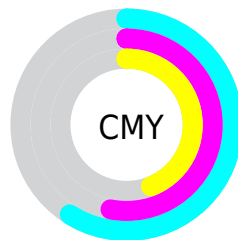
- Red (41%)
- Green (47%)
- Blue (56%)



- Red (41%)
- Yellow (45%)
- Blue (56%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (59%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3079, 18.3290, 28.2168 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 17.3079, 18.3290, 28.2168 by changing the saturation by 10% instead.

■ 17.3079, 18.3290,
28.2168

■ 17.3079, 18.3290,
28.2168

230.0623,
242.7190, 307.4459

■ 10.5509, 11.1864,
18.2487

■ 38.3938, 40.5971,
57.8576

■ 5.8308, 6.1924,
10.9574

■ 53.4535, 56.4915,
78.3675

■ 2.7821, 2.9624,
5.9244

■ 72.0114, 76.0720,
103.2283

■ 1.0396, 1.1121,
2.7311

■ 94.4329, 99.7229,
132.8586

■ 0.0000, 0.0000,
0.9590

121.0834,
127.8286, 167.6770

■ 0.0000, 0.0000,
0.0000

152.3282,

160.7736, 208.1019

188.5328,
198.9423, 254.5521

■ 17.3079, 18.3290,
28.2168

■ 17.3079, 18.3290,
28.2168

■ 14.8499, 15.6570,
27.8309

■ 20.1296, 21.3154,
28.6448

■ 12.7377, 13.2857,
27.4845

■ 23.3281, 24.6247,
29.1150

■ 10.9548, 11.2038,
27.1766

■ 26.9182, 28.2678,
29.6290

■ 9.4820, 9.3979,
26.9057

■ 30.9132, 32.2545,
30.1879

■ 8.2985, 7.8538,
26.6700

■ 35.3257, 36.5941,
30.7930

■ 7.3801, 6.5551,
26.4678

■ 40.1679, 41.2955,
31.4452

■ 6.6877, 5.4779,
26.2963

■ 45.4515, 46.3672,
32.1457

■ 6.4876, 5.1631,
26.2461

■ 51.1874, 51.8175,
32.8954

■ 57.3866, 57.6546,
33.6953

Harmonies

Analogous

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



16.0797, 18.3290, 26.7999



17.3079, 18.3290, 28.2168



18.6288, 18.3290, 27.1976

Triad

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



17.3079, 18.3290, 28.2168



19.7936, 18.3290, 16.7629



15.3504, 18.3290, 16.2666

Complementary

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



17.3079, 18.3290, 28.2168



21.1152, 21.6722, 16.1675

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.



16.2668, 18.3290, 14.1314



17.3079, 18.3290, 28.2168



18.8352, 18.3290, 14.3912

Square

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



17.3079, 18.3290, 28.2168



20.1066, 18.3290, 20.2840



17.5349, 18.3290, 13.4906



14.9861, 18.3290, 19.6338

Rectangle

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



17.3079, 18.3290, 28.2168



19.3768, 18.3290, 25.3376



17.5349, 18.3290, 13.4906



15.6017, 18.3290, 15.3981

Sweetspot

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



17.3085, 18.3297, 28.2172



40.3020, 42.5669, 51.2200



19.1182, 23.7838, 23.1647



8.8236, 9.3243, 11.4142



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.



17.3085, 18.3297, 28.2172



27.8857, 29.4736, 49.3471



15.8407, 14.9511, 27.6424



5.3046, 5.6049, 6.8310



5.8424, 4.6707, 23.5707



0.0769, 0.0867, 0.2324

Inverse Universe

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



19.4963, 17.0080, 20.0254



32.4577, 26.9585, 32.1730



22.8976, 25.8750, 16.8848



5.4972, 5.4594, 6.1162



10.7521, 5.4578, 4.3457



0.1134, 0.0564, 0.0974

Previews

White Background



This preview shows how the XYZ color 17.3079, 18.3290, 28.2168 looks on a white background.

Color Contrast Check

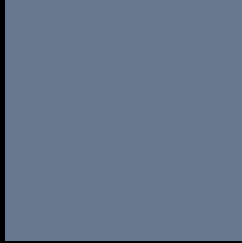
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.3079, 18.3290, 28.2168 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

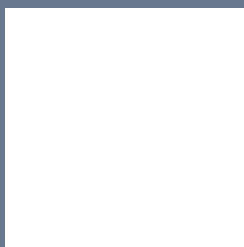
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3079, 18.3290, 28.2168

Background



This preview shows how black text looks on a background with the XYZ color 17.3079, 18.3290, 28.2168.

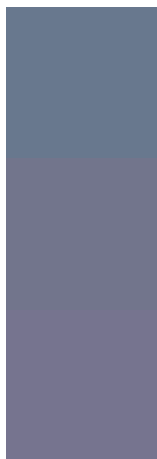


This preview shows how white text looks on a background with the XYZ color 17.3079, 18.3290,

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

17.3079, 18.3290, 28.2168

Protanopia

18.0343, 18.1934, 27.3721

Deuteranopia

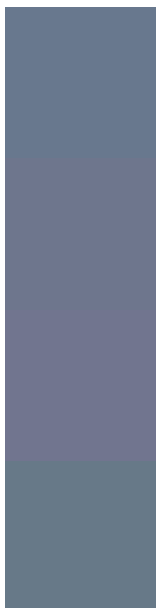
18.6745, 18.3255, 28.5395



Tritanopia

16.6039, 18.4098, 24.5081

Trichromacy



Original Color

17.3079, 18.3290, 28.2168

Protanomaly

17.7166, 18.1950, 27.7775

Deuteranomaly

18.1293, 18.2165, 28.5472

Tritanomaly

16.8748, 18.3359, 25.9423

Monochromacy



Original Color

17.3079, 18.3290, 28.2168

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2376, 18.2367, 22.6902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3079, 18.3290, 28.2168 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(104, 120, 142)` looks like.

```
.text, #text, p{  
    color:rgb(104, 120, 142)  
}
```

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(104, 120, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 120, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.3079, 18.3290, 28.2168 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(104, 120, 142) }
```


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

```
.border{ border-color:rgb(104, 120, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 120, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 120, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 120, 142);  
box-shadow:4px 4px 4px 4px rgb(104, 120,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3079, 18.3290, 28.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 120, 142) }
```

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

```
.background{ background-color: rgb(104,  
120, 142) }
```

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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