

Converting Colors

XYZ(17.3656, 15.4631, 28.0564)

Have a look what the booklet for
XYZ(17.3656, 15.4631, 28.0564)
contains.

XYZ(17.3170, 15.4079, 28.0479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.3170, 15.4079,
28.0479)**

Conversions

Conversions Part 1

Format	Color
Hex	77668F
RGB	119, 102, 143
RGB Percent	47%, 40%, 56%
CMY	0.5333, 0.6000, 0.4392
CMYK	0.17, 0.29, 0.00, 0.44
HSL	265°, 17%, 48%
HSV	265°, 29%, 56%
XYZ	17.3170, 15.4079, 28.0479
YIQ	111.7570, -3.0290, 16.3550

Conversions

Conversions Part 2

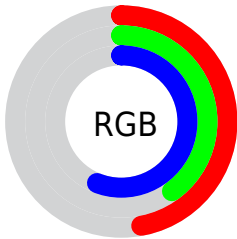
Format	Color
R_{YB}	119, 102, 143
Decimal	7825039
CIE _{Lab}	46.19, 15.40, -20.04
CIE _{LCh}	46, 25.271, 307.551
Yxy	15.4079, 0.2849, 0.2535
Android (android.graphics.Color)	4286015119 (0xFF77668F)
YUV	111.7570, 15.4028, 6.3521
Hunter-Lab	39.2529, 10.0554, -14.8883

Details

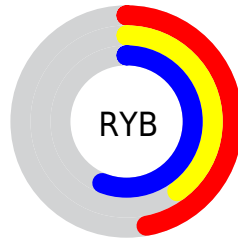
The XYZ color **17.3170, 15.4079, 28.0479** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.8256, 25.0403, 16.3068**, and the grayscale version is **15.2874, 16.0835, 17.5149**.

A 20% lighter version of the original color is **38.4825, 35.5843, 57.6635**, and **5.8678, 4.8248, 10.9779** is the 20% darker color. If you saturate the color by 10%, you get **14.9324, 12.2695, 27.5681**, and if you desaturate by 10%, it is **20.0463, 19.0846, 28.6140**.

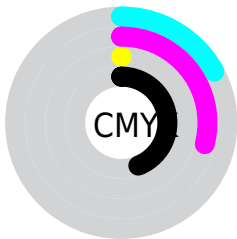
Distribution



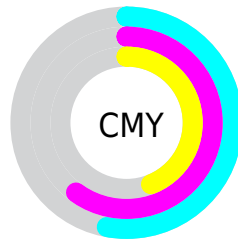
- Red (47%)
- Green (40%)
- Blue (56%)



- Red (47%)
- Yellow (40%)
- Blue (56%)



- Cyan (17%)
- Magenta (29%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3170, 15.4079, 28.0479 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 17.3170, 15.4079, 28.0479 by changing the saturation by 10% instead.

■ 17.3170, 15.4079,
28.0479

■ 17.3170, 15.4079,
28.0479

230.1134,
225.8220, 306.6149

■ 10.5575, 9.1062,
18.1224

■ 38.4093, 35.5672,
57.5849

■ 5.8352, 4.8105,
10.8676

■ 53.4727, 50.1935,
78.0336

■ 2.7848, 2.1365,
5.8648

■ 72.0349, 68.3635,
102.8270

■ 1.0410, 0.6850,
2.6956

■ 94.4611, 90.4615,
132.3837

■ 0.0000, 0.0000,
0.9412

121.1167,
116.8720, 167.1223

■ 0.0000, 0.0000,
0.0000

152.3670,

147.9793, 207.4614

188.5775,
184.1679, 253.8194

■ 17.3170, 15.4079,
28.0479

■ 17.3170, 15.4079,
28.0479

■ 14.9324, 12.2695,
27.5681

■ 20.0463, 19.0846,
28.6140

■ 12.8759, 9.6413,
27.1692

■ 23.1328, 23.3222,
29.2692

■ 11.1318, 7.4954,
26.8469

■ 26.5902, 28.1440,
30.0177

■ 9.6822, 5.8005,
26.5961

■ 30.4311, 33.5718,
30.8629

■ 8.5073, 4.5212,
26.4111

■ 34.6674, 39.6260,
31.8082

■ 7.5845, 3.6167,
26.2852

■ 39.3104, 46.3260,
32.8568

■ 6.8665, 2.9977,
26.2035

■ 44.3711, 53.6905,
34.0115

■ 6.7788, 2.9218,
26.1935

■ 49.8599, 61.7374,
35.2754

■ 55.7869, 70.4838,
36.6513

Harmonies

Analogous

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



15.1958, 15.4079, 31.4976



17.3170, 15.4079, 28.0479



18.8161, 15.4079, 21.7262

Triad

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



17.3170, 15.4079, 28.0479



16.2840, 15.4079, 8.0279



10.9105, 15.4079, 18.3843

Complementary

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



17.3170, 15.4079, 28.0479



20.8256, 25.0403, 16.3068

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.



11.1405, 15.4079, 12.6423



17.3170, 15.4079, 28.0479



14.1071, 15.4079, 7.5507

Square

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



17.3170, 15.4079, 28.0479



18.1801, 15.4079, 10.5356



12.2626, 15.4079, 9.0199



11.6003, 15.4079, 25.0946

Rectangle

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



17.3170, 15.4079, 28.0479



19.1850, 15.4079, 17.2885



12.2626, 15.4079, 9.0199



10.8841, 15.4079, 16.2749

Sweetspot

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



17.3175, 15.4085, 28.0482



41.1228, 41.3453, 52.3511



17.9758, 19.8842, 28.8774



9.2548, 9.2388, 11.9677



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.



17.3175, 15.4085, 28.0482



28.3570, 24.0815, 49.6916



20.3406, 16.9670, 28.1897



5.3282, 5.3574, 6.7820



6.0165, 2.5952, 23.1609



0.0816, 0.0372, 0.2226

Inverse Universe

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



19.8456, 16.8495, 21.9459



33.6889, 27.1238, 36.6760



18.1771, 23.6749, 16.1829



5.5329, 5.4737, 6.3044



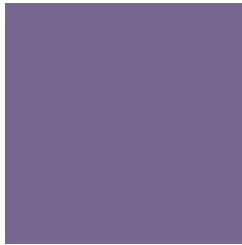
11.4314, 5.7296, 7.9228



0.1203, 0.0592, 0.1337

Previews

White Background



This preview shows how the XYZ color 17.3170, 15.4079, 28.0479 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 17.3170, 15.4079, 28.0479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

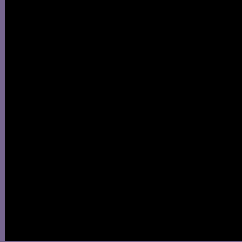
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3170, 15.4079, 28.0479

Background



This preview shows how black text looks on a background with the XYZ color 17.3170, 15.4079, 28.0479.



This preview shows how white text looks on a background with the XYZ color 17.3170, 15.4079,

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

17.3170, 15.4079, 28.0479

Protanopia

15.7449, 15.4599, 30.1712

Deuteranopia

15.8386, 15.5617, 27.7601



Tritanopia

15.3495, 15.3538, 18.6776

Trichromacy



Original Color

17.3170, 15.4079, 28.0479

Protanomaly

16.2862, 15.4476, 29.3174

Deuteranomaly

16.3432, 15.5123, 27.7240

Tritanomaly

16.0199, 15.3225, 21.8519

Monochromacy



Original Color

17.3170, 15.4079, 28.0479

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.0079, 15.8000, 20.9449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3170, 15.4079, 28.0479 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(119, 102, 143)` looks like.

```
.text, #text, p{  
    color:rgb(119, 102, 143)  
}
```

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(119, 102, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 102, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.3170, 15.4079, 28.0479 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(119, 102, 143) }
```


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

```
.border{ border-color:rgb(119, 102, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 102, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 102, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 102, 143);  
box-shadow:4px 4px 4px 4px rgb(119, 102,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3170, 15.4079, 28.0479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 102, 143) }
```

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

```
.background{ background-color: rgb(119,  
102, 143) }
```

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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