

Converting Colors

YUV(123.7710, 17.3679,
-17.3392)

Have a look what the booklet for
YUV(123.7710, 17.3679, -17.3392)
contains.

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Color

**YUV(123.7710, 17.3679,
-17.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	687F9F
RGB	104, 127, 159
RGB Percent	41%, 50%, 62%
CMY	0.5922, 0.5020, 0.3765
CMYK	0.35, 0.20, 0.00, 0.38
HSL	215°, 22%, 52%
HSV	215°, 35%, 62%
XYZ	19.5563, 20.6250, 35.7512
YIQ	123.7710, -23.9800, 5.0760

Conversions

Conversions Part 2

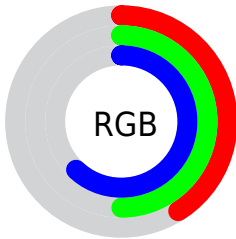
Format	Color
R_{YB}	104, 120, 159
Decimal	6848415
CIE _{Lab}	52.54, -0.24, -19.81
CIE _{LCh}	53, 19.812, 269.315
Yxy	20.6250, 0.2575, 0.2716
Android (android.graphics.Color)	4285038495 (0xFF687F9F)
YUV	123.7710, 17.3679, -17.3392
Hunter-Lab	45.4148, -2.6110, -14.8837

Details

The YUV color **123.7710, 17.3679, -17.3392** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **139.2290, -17.3679, 17.3392**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9990, 18.2415, -17.5391**, and **74.1300, 16.2049, -17.6540** is the 20% darker color. If you saturate the color by 10%, you get **113.7040, 22.3309, -22.5424**, and if you desaturate by 10%, it is **133.8380, 12.4049, -12.1359**.

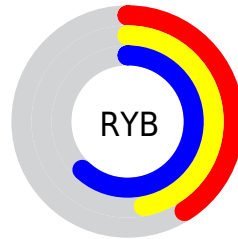
Distribution



Red (41%)

Green (50%)

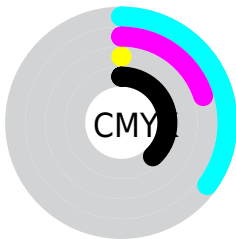
Blue (62%)



Red (41%)

Yellow (47%)

Blue (62%)

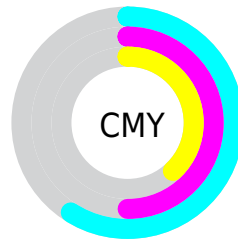


Cyan (35%)

Magenta (20%)

Yellow (0%)

Black (38%)



Cyan (59%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7710, 17.3679, -17.3392 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 YUV color 123.7710, 17.3679, -17.3392 by changing the saturation by 10% instead.

■ 123.7710, 17.3679,
-17.3392

■ 123.7710, 17.3679,
-17.3392

255.0000, 0.0000,
0.0000

■ 98.6570, 16.9311,
-17.2392

■ 176.9990, 18.2415,
-17.5391

■ 74.1300, 16.2049,
-17.6540

■ 204.1130, 18.6783,
-17.6391

■ 50.4180, 16.0629,
-18.7836

■ 230.4030, 12.1263,
-16.1394

■ 27.0970, 16.2212,
-22.8871

■ 250.8140, 2.0637,
-8.6069

■ 11.3760, 13.1256,
-9.9768

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 123.7710, 17.3679,
-17.3392

■ 123.7710, 17.3679,
-17.3392

■ 113.7040, 22.3309,
-22.5424

■ 133.8380, 12.4049,
-12.1359

■ 103.0500, 27.5833,
-27.2308

■ 144.4920, 7.1524,
-7.4475

■ 92.9830, 32.5464,
-32.4341

■ 154.5590, 2.1894,
-2.2442

■ 82.9160, 37.5094,
-37.6373

■ 164.6260, -2.7736,
2.9590

■ 73.1480, 42.3250,
-42.2258

■ 174.6930, -7.7366,
8.1622

■ 62.4940, 47.5775,
-46.9142

■ 185.0480,
-12.8417, 12.2359

■ 56.8680, 50.3511,
-49.8732

■ 195.1150,
-17.8047, 17.4391

■ 205.1820,
-22.7677, 22.6424

■ 215.2490,
-27.7308, 27.8456

Harmonies

Analogous

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



119.8570, 16.8325, -32.3236



123.7710, 17.3679, -17.3392



126.9690, 13.8193, 0.9042

Triad

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



123.7710, 17.3679, -17.3392



127.2980, -8.5279, 28.6797



120.5820, -6.2029, -17.1734

Complementary

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



123.7710, 17.3679, -17.3392



139.2290, -17.3679, 17.3392

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.



122.4330, -13.5245, -2.1337



123.7710, 17.3679, -17.3392



125.7720, -14.1846, 23.0020

Square

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



123.7710, 17.3679, -17.3392



127.9370, -0.9549, 26.3653



124.4240, -16.4780, 11.9062



118.1980, 2.8604, -30.8686

Rectangle

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



123.7710, 17.3679, -17.3392



127.7100, 10.0030, 11.6553



124.4240, -16.4780, 11.9062



121.2190, -8.9820, -12.4701

Sweetspot

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



123.7710, 17.3679, -17.3392



193.6770, 6.5682, -6.7327



139.8190, -2.3758, -31.4133



96.4170, 4.2314, -3.8737



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



123.7710, 17.3679, -17.3392



151.0500, 27.5834, -27.2308



111.4660, 23.4343, -3.0397



73.6730, 2.6262, -2.3442



51.5220, 45.0987, -45.1848



5.2320, 4.8156, -4.5885

Inverse Universe

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



123.0670, 1.9390, 31.5132



150.1170, 2.9003, 49.8864



151.5340, -23.4343, 3.0397



73.7340, 0.1311, 4.6183



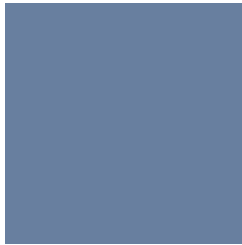
49.5970, 5.1287, 81.9144



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 123.7710, 17.3679, -17.3392 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 YUV color 123.7710, 17.3679, -17.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

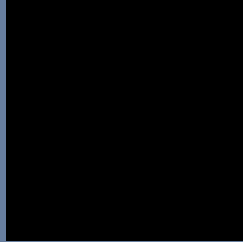
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

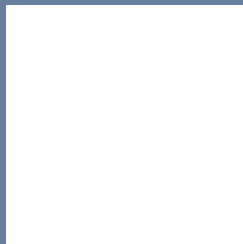
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.7710, 17.3679, -17.3392

Background



This preview shows how black text looks on a background with the YUV color 123.7710, 17.3679, -17.3392.



This preview shows how white text looks on a background with the YUV color 123.7710, 17.3679, -17.3392.

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

123.7710, 17.3679, -17.3392

Protanopia

125.6690, 15.4462, -7.6027

Deuteranopia

126.0220, 16.7512, -6.1583



Tritanopia

122.2840, 9.2270, -19.5431

Trichromacy



Original Color

123.7710, 17.3679, -17.3392

Protanomaly

124.8750, 16.3306, -11.2914

Deuteranomaly

125.1140, 17.1988, -9.7470

Tritanomaly

122.7940, 12.4266, -19.1133

Monochromacy



Original Color

123.7710, 17.3679, -17.3392

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7710, 17.3679, -17.3392 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, 127, 159)` looks like.

```
.text, #text, p{  
    color:rgb(104, 127, 159)  
}
```

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, 127, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 127, 159) }
```

Border

The CSS property to change the border of an element to YUV 123.7710, 17.3679, -17.3392 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, 127, 159) }
```


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

```
.border{ border-color:rgb(104, 127, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 127, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 127, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 127, 159);  
box-shadow:4px 4px 4px 4px rgb(104, 127,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 123.7710, 17.3679, -17.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 127, 159) }
```

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

```
.background{ background-color: rgb(104,  
127, 159) }
```

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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