

Converting Colors

YUV(123.7650, 19.8359,
-15.5799)

Have a look what the booklet for
YUV(123.7650, 19.8359, -15.5799)
contains.

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Color

**YUV(123.7650, 19.8359,
-15.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7DA4
RGB	106, 125, 164
RGB Percent	42%, 49%, 64%
CMY	0.5843, 0.5098, 0.3569
CMYK	0.35, 0.24, 0.00, 0.36
HSL	220°, 24%, 53%
HSV	220°, 35%, 64%
XYZ	19.9783, 20.4117, 38.0088
YIQ	123.7650, -23.8430, 8.1010

Conversions

Conversions Part 2

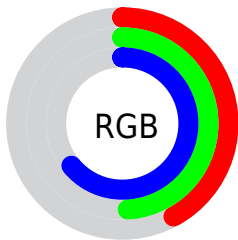
Format	Color
R _{YB}	106, 120, 164
Decimal	6978980
CIE Lab	52.30, 2.89, -23.06
CIE LCh	52, 23.245, 277.149
Yxy	20.4117, 0.2548, 0.2604
Android (android.graphics.Color)	4285169060 (0xFF6A7DA4)
YUV	123.7650, 19.8359, -15.5799
Hunter-Lab	45.1794, -0.1311, -18.2544

Details

The YUV color **123.7650, 19.8359, -15.5799** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **146.2350, -19.8359, 15.5799**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4060, 20.9988, -15.2651**, and **74.1240, 18.6729, -15.8947** is the 20% darker color. If you saturate the color by 10%, you get **112.5240, 25.3777, -19.7535**, and if you desaturate by 10%, it is **135.0060, 14.2940, -11.4063**.

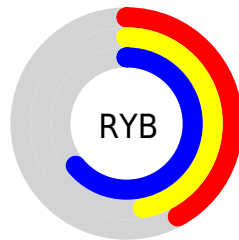
Distribution



Red (42%)

Green (49%)

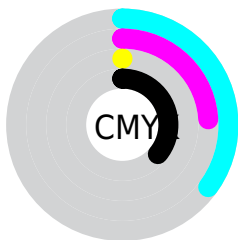
Blue (64%)



Red (42%)

Yellow (47%)

Blue (64%)

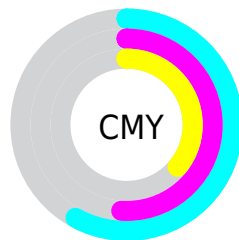


Cyan (35%)

Magenta (24%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7650, 19.8359, -15.5799 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 123.7650, 19.8359, -15.5799 by changing the saturation by 10% instead.

■ 123.7650, 19.8359,
-15.5799

■ 123.7650, 19.8359,
-15.5799

■ 255.0000, 0.0000,
0.0000

■ 98.6510, 19.3991,
-15.4799

■ 176.4060, 20.9988,
-15.2651

■ 74.1240, 18.6729,
-15.8947

■ 204.2210, 21.5830,
-15.9798

■ 50.8850, 17.8047,
-17.4391

■ 229.8270, 12.4103,
-13.8803

■ 27.2650, 18.1104,
-22.1574

■ 251.4120, 1.7689,
-7.3773

■ 10.0710, 15.7410,
-8.8323

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 123.7650, 19.8359,
-15.5799

■ 123.7650, 19.8359,
-15.5799

■ 112.5240, 25.3777,
-19.7535

■ 135.0060, 14.2940,
-11.4063

■ 100.9840, 31.0669,
-24.5420

■ 146.5460, 8.6048,
-6.6178

■ 89.7430, 36.6087,
-28.7156

■ 157.7870, 3.0630,
-2.4442

■ 78.2030, 42.2979,
-33.5040

■ 169.3270, -2.6262,
2.3442

■ 66.9620, 47.8397,
-37.6777

■ 180.5680, -8.1680,
6.5179

■ 55.7210, 53.3815,
-41.8513

■ 191.8090,
-13.7098, 10.6915

■ 50.3940, 56.0078,
-44.1955

■ 203.3490,
-19.3991, 15.4799

■ 214.5900,
-24.9409, 19.6536

■ 226.1300,
-30.6301, 24.4420

Harmonies

Analogous

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



118.5730, 20.9165, -35.5825



123.7650, 19.8359, -15.5799



127.2300, 14.6766, 5.9373

Triad

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



123.7650, 19.8359, -15.5799



126.1090, -11.8857, 32.3534



117.6950, -4.2866, -25.1655

Complementary

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



123.7650, 19.8359, -15.5799



146.2350, -19.8359, 15.5799

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.



120.9870, -13.7976, -7.8816



123.7650, 19.8359, -15.5799



124.8600, -17.6790, 23.8018

Square

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



123.7650, 19.8359, -15.5799



127.4000, -3.1552, 32.0982



123.1310, -18.7986, 9.5321



115.1690, 6.8187, -40.4902

Rectangle

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



123.7650, 19.8359, -15.5799



127.9280, 9.4025, 17.6031



123.1310, -18.7986, 9.5321



118.8160, -7.7973, -19.1326

Sweetspot

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



123.7650, 19.8359, -15.5799



197.7310, 8.0206, -5.9031



144.4920, 0.2504, -33.7575



97.5310, 4.6682, -3.9737



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



123.7650, 19.8359, -15.5799



151.8700, 30.6301, -24.4420



115.6020, 23.8602, 0.3490



75.7870, 3.0630, -2.4442



44.7060, 49.4449, -39.2072



5.5740, 6.1260, -4.8884

Inverse Universe

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



125.5080, -0.2504, 33.7575



154.3300, -0.1627, 52.3306



154.3980, -23.8602, -0.3490



76.0330, -0.0163, 5.2331



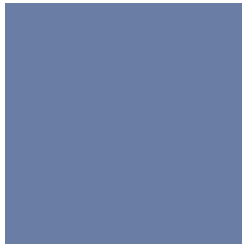
48.8270, -0.4077, 84.3437



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 123.7650, 19.8359, -15.5799 looks on a white background.

Color Contrast Check

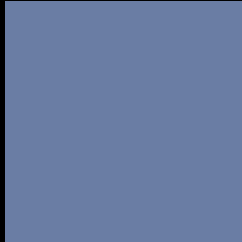
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.7650, 19.8359, -15.5799 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

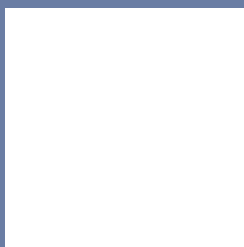
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.7650, 19.8359, -15.5799

Background



This preview shows how black text looks on a background with the YUV color 123.7650, 19.8359, -15.5799.



This preview shows how white text looks on a background with the YUV color 123.7650, 19.8359, -15.5799.

-15.5799.

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

123.7650, 19.8359, -15.5799

Protanopia

124.8690, 18.7986, -9.5321

Deuteranopia

125.3960, 19.5248, -9.1173



Tritanopia

121.5830, 9.0796, -18.9283

Trichromacy



Original Color

123.7650, 19.8359, -15.5799

Protanomaly

124.5590, 18.9514, -11.8912

Deuteranomaly

125.0860, 19.6776, -11.4764

Tritanomaly

122.6200, 13.0053, -18.0837

Monochromacy



Original Color

123.7650, 19.8359, -15.5799

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6170, 7.5838, -5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7650, 19.8359, -15.5799 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(106, 125, 164)` looks like.

```
.text, #text, p{  
    color:rgb(106, 125, 164)  
}
```

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(106, 125, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 125, 164) }
```

Border

The CSS property to change the border of an element to YUV 123.7650, 19.8359, -15.5799 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(106, 125, 164) }
```


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

```
.border{ border-color:rgb(106, 125, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 125, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 125, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 125, 164);  
box-shadow:4px 4px 4px 4px rgb(106, 125,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 123.7650, 19.8359, -15.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 125, 164) }
```

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

```
.background{ background-color: rgb(106,  
125, 164) }
```

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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