

Converting Colors

YUV(123.4180, 36.2759,
-15.2756)

Have a look what the booklet for
YUV(123.4180, 36.2759, -15.2756)
contains.

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Color

**YUV(123.4180, 36.2759,
-15.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	6A76C5
RGB	106, 118, 197
RGB Percent	42%, 46%, 77%
CMY	0.5843, 0.5373, 0.2275
CMYK	0.46, 0.40, 0.00, 0.23
HSL	232°, 44%, 59%
HSV	232°, 46%, 77%
XYZ	22.5003, 20.0523, 55.5079
YIQ	123.4180, -32.5110, 22.0250

Conversions

Conversions Part 2

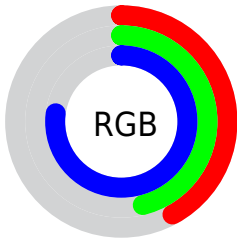
Format	Color
R _Y B	106, 117, 197
Decimal	6977221
CIE Lab	51.90, 16.65, -42.71
CIE LCh	52, 45.838, 291.297
Yxy	20.0523, 0.2295, 0.2045
Android (android.graphics.Color)	4285167301 (0xFF6A76C5)
YUV	123.4180, 36.2759, -15.2756
Hunter-Lab	44.7797, 11.3258, -42.1486

Details

The YUV color $123.4180, 36.2759, -15.2756$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $179.5820, -36.2759, 15.2756$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.8850, 38.0177, -13.9311$, and $72.3420, 34.8344, -19.5939$ is the 20% darker color. If you saturate the color by 10%, you get $107.4590, 44.1437, -18.8195$, and if you desaturate by 10%, it is $139.3770, 28.4081, -11.7316$.

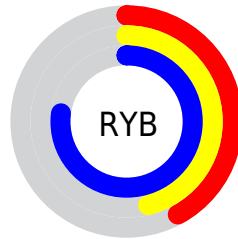
Distribution



Red (42%)

Green (46%)

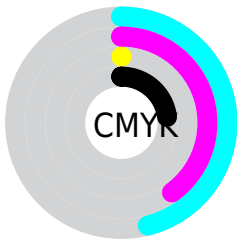
Blue (77%)



Red (42%)

Yellow (46%)

Blue (77%)

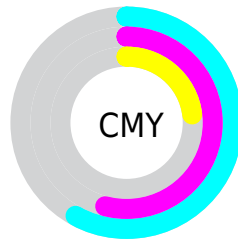


Cyan (46%)

Magenta (40%)

Yellow (0%)

Black (23%)



Cyan (58%)

Magenta (54%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4180, 36.2759, -15.2756 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 123.4180, 36.2759, -15.2756 by changing the saturation by 10% instead.

■ 123.4180, 36.2759,
-15.2756

■ 123.4180, 36.2759,
-15.2756

■ 255.0000, 0.0000,
0.0000

■ 97.4780, 35.2603,
-16.2052

■ 176.8850, 38.0177,
-13.9311

■ 72.3420, 34.8344,
-19.5939

■ 201.5190, 26.3661,
-10.1022

■ 45.7000, 35.1509,
-27.8009

■ 226.6260, 13.9884,
-6.6880

■ 26.9240, 32.0825,
-23.6123

■ 252.3200, 1.3212,
-3.7886

■ 8.3390, 29.4129,
-7.3133

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 123.4180, 36.2759,
-15.2756

■ 123.4180, 36.2759,
-15.2756

■ 107.4590, 44.1437,
-18.8195

■ 139.3770, 28.4081,
-11.7316

■ 91.7990, 51.8641,
-21.7487

■ 155.0370, 20.6878,
-8.8024

■ 75.8400, 59.7319,
-25.2927

■ 170.9960, 12.8200,
-5.2585

■ 59.8810, 67.5997,
-28.8366

■ 186.9550, 4.9522,
-1.7145

■ 43.6340, 75.6094,
-31.2510

■ 203.5010, -3.2050,
1.3146

■ 37.7200, 78.5250,
-33.0804

■ 219.1610,
-10.9254, 4.2438

■ 235.1200,
-18.7932, 7.7878

■ 248.3880,
-25.3343, 5.7987

Harmonies

Analogous

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



99.8110, 49.8862, -87.5342



123.4180, 36.2759, -15.2756



127.7350, 22.3156, 29.1734

Triad

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



123.4180, 36.2759, -15.2756



122.3600, -29.2645, 53.1813



96.0080, 7.3911, -84.1990

Complementary

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



123.4180, 36.2759, -15.2756



179.5820, -36.2759, 15.2756

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.



110.4430, -18.9524, -34.5915



123.4180, 36.2759, -15.2756



120.3990, -38.6507, 30.3451

Square

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



123.4180, 36.2759, -15.2756



123.0790, -12.8569, 63.9517



116.8360, -34.9221, 1.0208



101.1550, 24.5736, -88.7129

Rectangle

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



123.4180, 36.2759, -15.2756



126.4080, 11.6309, 49.6312



116.8360, -34.9221, 1.0208



94.4230, 1.2705, -81.0550

Sweetspot

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



123.4180, 36.2759, -15.2756



226.0390, 14.2778, -6.1732



168.4230, 8.1725, -54.7450



110.2690, 8.7414, -3.7439



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



123.4180, 36.2759, -15.2756



141.5260, 55.9427, -23.2633



126.2410, 34.8842, 11.1896



91.6130, 3.6418, -1.4146



31.4960, 64.8315, -27.6220



7.0390, 14.2778, -6.1732

Inverse Universe

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



134.5770, -8.1725, 54.7450



158.9120, -12.7746, 84.2692



176.7590, -34.8842, -11.1896



92.8050, -0.8899, 5.4330



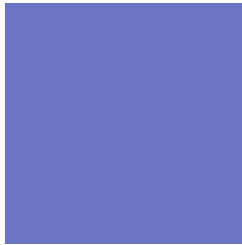
51.2450, -14.4178, 98.0091



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 123.4180, 36.2759, -15.2756 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 123.4180, 36.2759, -15.2756 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 123.4180, 36.2759, -15.2756

Background



This preview shows how black text looks on a background with the YUV color 123.4180, 36.2759, -15.2756.



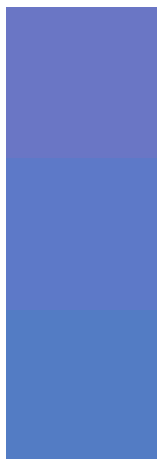
This preview shows how white text looks on a background with the YUV color 123.4180, 36.2759, -15.2756.

-15.2756.

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

123.4180, 36.2759, -15.2756

Protanopia

121.6340, 38.6344, -25.1120

Deuteranopia

119.9490, 37.4931, -32.4043



Tritanopia

119.2940, 10.7011, -25.6908

Trichromacy



Original Color

123.4180, 36.2759, -15.2756

Protanomaly

122.4280, 37.7500, -21.4234

Deuteranomaly

121.1670, 36.8927, -26.4565

Tritanomaly

121.0200, 19.7101, -21.9425

Monochromacy



Original Color

123.4180, 36.2759, -15.2756

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1100, 13.2568, -5.3585

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4180, 36.2759, -15.2756 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, 118, 197)` looks like.

```
.text, #text, p{  
    color:rgb(106, 118, 197)  
}
```

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, 118, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 118, 197) }
```

Border

The CSS property to change the border of an element to YUV 123.4180, 36.2759, -15.2756 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, 118, 197) }
```


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

```
.border{ border-color:rgb(106, 118, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 118, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 118, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 118, 197);  
box-shadow:4px 4px 4px 4px rgb(106, 118,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 123.4180, 36.2759, -15.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 118, 197) }
```

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

```
.background{ background-color: rgb(106,  
118, 197) }
```

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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