

Converting Colors

YUV(125.6140, 15.4733,
-16.3245)

Have a look what the booklet for
YUV(125.6140, 15.4733, -16.3245)
contains.

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Color

**YUV(125.6140, 15.4733,
-16.3245)**

Conversions

Conversions Part 1

Format	Color
Hex	6B819D
RGB	107, 129, 157
RGB Percent	42%, 51%, 62%
CMY	0.5804, 0.4941, 0.3843
CMYK	0.32, 0.18, 0.00, 0.38
HSL	214°, 20%, 52%
HSV	214°, 32%, 62%
XYZ	19.9995, 21.2606, 34.9479
YIQ	125.6140, -22.1000, 4.0440

Conversions

Conversions Part 2

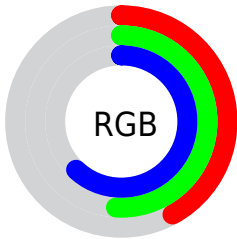
Format	Color
R_{YB}	107, 122, 157
Decimal	7045533
CIE _{Lab}	53.23, -1.03, -17.57
CIE _{LCh}	53, 17.598, 266.651
Yxy	21.2606, 0.2624, 0.2790
Android (android.graphics.Color)	4285235613 (0xFF6B819D)
YUV	125.6140, 15.4733, -16.3245
Hunter-Lab	46.1093, -3.2685, -12.6616

Details

The YUV color $125.6140, 15.4733, -16.3245$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $138.3860, -15.4733, 16.3245$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.8420, 16.3469, -16.5244$, and $76.0870, 14.7471, -16.7393$ is the 20% darker color. If you saturate the color by 10%, you get $115.5470, 20.4363, -21.5277$, and if you desaturate by 10%, it is $135.6810, 10.5103, -11.1212$.

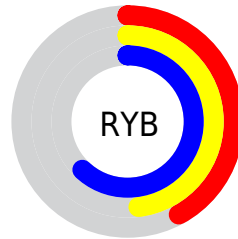
Distribution



Red (42%)

Green (51%)

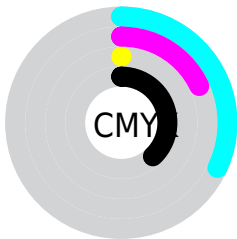
Blue (62%)



Red (42%)

Yellow (48%)

Blue (62%)

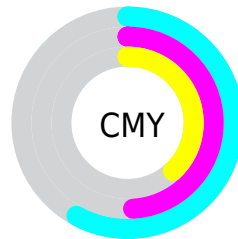


Cyan (32%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.6140, 15.4733, -16.3245 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 125.6140, 15.4733, -16.3245 by changing the saturation by 10% instead.

■ 125.6140, 15.4733,
-16.3245

■ 125.6140, 15.4733,
-16.3245

255.0000, 0.0000,
0.0000

■ 100.5000, 15.0365,
-16.2245

■ 178.8420, 16.3469,
-16.5244

■ 76.0870, 14.7471,
-16.7393

■ 205.9560, 16.7837,
-16.6244

■ 52.5600, 14.0209,
-17.1541

■ 233.0610, 10.8159,
-15.8395

■ 29.8370, 13.8844,
-20.0280

■ 251.7110, 1.6215,
-6.7625

■ 12.4360, 12.1101,
-10.9064

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 125.6140, 15.4733,
-16.3245

■ 125.6140, 15.4733,
-16.3245

■ 115.5470, 20.4363,
-21.5277

■ 135.6810, 10.5103,
-11.1212

■ 105.7790, 25.2520,
-26.1162

■ 145.4490, 5.6946,
-6.5328

■ 96.2990, 29.9256,
-31.8342

■ 154.9290, 1.0210,
-0.8147

■ 86.2320, 34.8886,
-37.0375

■ 164.9960, -3.9420,
4.3885

■ 76.1650, 39.8517,
-42.2407

■ 175.0630, -8.9051,
9.5917

■ 66.3970, 44.6673,
-46.8292

■ 184.8310,
-13.7207, 14.1802

■ 58.4010, 48.6093,
-51.2177

■ 194.8980,
-18.6837, 19.3835

■ 204.3780,
-23.3574, 25.1015

■ 214.1460,
-28.1730, 29.6900

Harmonies

Analogous

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



122.3090, 14.6377, -28.3350



125.6140, 15.4733, -16.3245



128.6160, 12.5143, -0.5402

Triad

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



125.6140, 15.4733, -16.3245



128.9170, -7.3541, 25.5058



123.1910, -6.5032, -14.1995

Complementary

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



125.6140, 15.4733, -16.3245



138.3860, -15.4733, 16.3245

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.



124.7860, -12.2195, -0.6893



125.6140, 15.4733, -16.3245



128.1030, -12.8688, 20.9577

Square

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



125.6140, 15.4733, -16.3245



129.4420, -0.2179, 23.2914



126.8800, -14.7308, 11.5062



121.5900, 1.6811, -25.9504

Rectangle

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



125.6140, 15.4733, -16.3245



129.7590, 8.9928, 8.9814



126.8800, -14.7308, 11.5062



123.6430, -8.6980, -10.2109

Sweetspot

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



125.6140, 15.4733, -16.3245



191.5630, 6.1314, -6.6328



139.5420, -2.2392, -28.5393



94.3030, 3.7946, -3.7737



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



125.6140, 15.4733, -16.3245



155.4370, 23.9416, -25.8162



113.5970, 21.3977, -3.1546



74.2600, 2.3368, -2.8590



53.2830, 44.2305, -46.7292



5.8190, 4.5262, -5.1033

Inverse Universe

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



124.4580, 2.2392, 28.5393



153.3120, 3.7902, 44.4534



150.7020, -21.5451, 3.7693



73.8480, 0.5679, 4.5183



49.9390, 6.4391, 81.6145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 125.6140, 15.4733, -16.3245 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 125.6140, 15.4733, -16.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

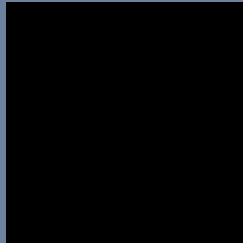
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

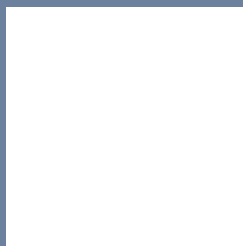
Any Text WCAG AAA × Fail

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

YUV 125.6140, 15.4733, -16.3245 Background



This preview shows how black text looks on a background with the YUV color 125.6140, 15.4733, -16.3245.



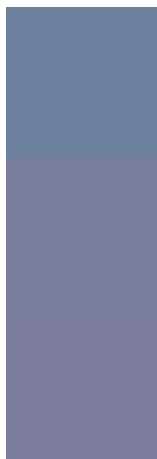
This preview shows how white text looks on a background with the YUV color 125.6140, 15.4733, -16.3245.

-16.3245.

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

125.6140, 15.4733, -16.3245

Protanopia

127.5120, 13.5516, -6.5880

Deuteranopia

127.5770, 14.9985, -4.0140



Tritanopia

124.7680, 8.4954, -18.2135

Trichromacy



Original Color

125.6140, 15.4733, -16.3245

Protanomaly

126.7180, 14.4360, -10.2767

Deuteranomaly

126.9570, 15.3042, -8.7323

Tritanomaly

125.0500, 10.8214, -17.5838

Monochromacy



Original Color

125.6140, 15.4733, -16.3245

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.6140, 15.4733, -16.3245 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(107, 129, 157)` looks like.

```
.text, #text, p{  
    color:rgb(107, 129, 157)  
}
```

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(107, 129, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 129, 157) }
```

Border

The CSS property to change the border of an element to YUV 125.6140, 15.4733, -16.3245 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(107, 129, 157) }
```


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

```
.border{ border-color:rgb(107, 129, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 129, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 129, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 129, 157);  
box-shadow:4px 4px 4px 4px rgb(107, 129,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 125.6140, 15.4733, -16.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 129, 157) }
```

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

```
.background{ background-color: rgb(107,  
129, 157) }
```

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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