

Converting Colors

YUV(125.8590, 13.8735,
-16.5393)

Have a look what the booklet for
YUV(125.8590, 13.8735, -16.5393)
contains.

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Color

**YUV(125.8590, 13.8735,
-16.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	6B829A
RGB	107, 130, 154
RGB Percent	42%, 51%, 60%
CMY	0.5804, 0.4902, 0.3961
CMYK	0.31, 0.16, 0.00, 0.40
HSL	211°, 19%, 51%
HSV	211°, 31%, 60%
XYZ	19.8788, 21.4242, 33.6594
YIQ	125.8590, -21.4120, 2.5880

Conversions

Conversions Part 2

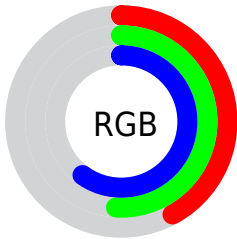
Format	Color
R_{YB}	107, 122, 154
Decimal	7045786
CIE _{Lab}	53.41, -2.39, -15.56
CIE _{LCh}	53, 15.741, 261.264
Yxy	21.4242, 0.2652, 0.2858
Android (android.graphics.Color)	4285235866 (0xFF6B829A)
YUV	125.8590, 13.8735, -16.5393
Hunter-Lab	46.2862, -4.3397, -10.7154

Details

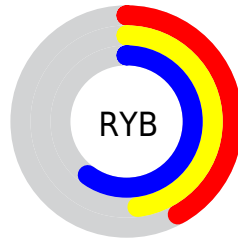
The YUV color **125.8590, 13.8735, -16.5393** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **135.1410, -13.8735, 16.5393**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6740, 14.4577, -17.2541**, and **76.6310, 12.9999, -16.3394** is the 20% darker color. If you saturate the color by 10%, you get **116.6780, 18.3997, -21.6426**, and if you desaturate by 10%, it is **135.0400, 9.3473, -11.4361**.

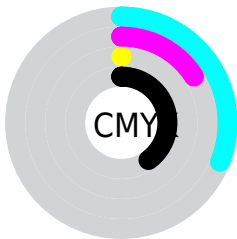
Distribution



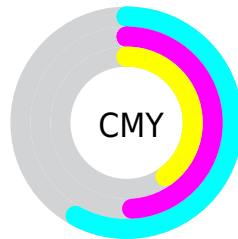
- Red (42%)
- Green (51%)
- Blue (60%)



- Red (42%)
- Yellow (48%)
- Blue (60%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (58%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.8590, 13.8735, -16.5393 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 125.8590, 13.8735, -16.5393 by changing the saturation by 10% instead.

■ 125.8590, 13.8735,
-16.5393

■ 125.8590, 13.8735,
-16.5393

■ 255.0000, 0.0000,
0.0000

■ 100.7450, 13.4367,
-16.4394

■ 178.6740, 14.4577,
-17.2541

■ 76.6310, 12.9999,
-16.3394

■ 206.2010, 15.1839,
-16.8393

■ 53.2180, 12.7105,
-16.8542

■ 233.6480, 10.5265,
-16.3543

■ 30.2070, 12.7159,
-18.5985

■ 251.4120, 1.7689,
-7.3773

■ 12.6810, 10.5103,
-11.1212

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 125.8590, 13.8735,
-16.5393

■ 125.8590, 13.8735,
-16.5393

■ 116.6780, 18.3997,
-21.6426

■ 135.0400, 9.3473,
-11.4361

■ 107.1980, 23.0734,
-27.3606

■ 144.5200, 4.6736,
-5.7180

■ 98.0170, 27.5996,
-32.4639

■ 153.7010, 0.1474,
-0.6148

■ 89.1240, 31.9839,
-38.6967

■ 162.5940, -4.2368,
5.6181

■ 79.9430, 36.5101,
-43.8000

■ 171.7750, -8.7631,
10.7213

■ 70.7620, 41.0363,
-48.9033

■ 180.9560,
-13.2893, 15.8246

■ 61.5810, 45.5626,
-54.0065

■ 190.4360,
-17.9629, 21.5426

■ 199.6170,
-22.4892, 26.6459

■ 209.0970,
-27.1628, 32.3639

Harmonies

Analogous

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



123.0490, 12.3008, -25.4760



125.8590, 13.8735, -16.5393



128.1920, 12.2303, -2.7994

Triad

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



125.8590, 13.8735, -16.5393



129.3620, -5.6015, 23.3615



124.0990, -6.9508, -10.6108

Complementary

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



125.8590, 13.8735, -16.5393



135.1410, -13.8735, 16.5393

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.



126.2100, -11.9355, 1.5698



125.8590, 13.8735, -16.5393



128.6730, -10.6848, 20.4578

Square

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



125.8590, 13.8735, -16.5393



129.7620, 1.1033, 19.5027



127.3470, -12.9891, 12.8507



122.5690, 0.2125, -21.5470

Rectangle

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



125.8590, 13.8735, -16.5393



129.1500, 9.2931, 6.0075



127.3470, -12.9891, 12.8507



124.6650, -8.7088, -6.7222

Sweetspot

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



125.8590, 13.8735, -16.5393



190.3350, 5.2578, -6.4328



137.3250, -3.1182, -26.5950



95.1890, 3.3578, -3.6738



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.



125.8590, 13.8735, -16.5393



156.5680, 21.9050, -25.9311



112.3580, 20.5295, -4.6990



72.2600, 2.3368, -2.8590



56.4630, 41.1837, -49.5181



5.0040, 3.9420, -4.3885

Inverse Universe

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



123.6750, 3.1182, 26.5950



153.2300, 4.8166, 41.8943



148.6420, -20.5295, 4.6990



71.8480, 0.5679, 4.5183



49.7260, 9.5021, 79.1703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 125.8590, 13.8735, -16.5393 looks on a white background.

Color Contrast Check

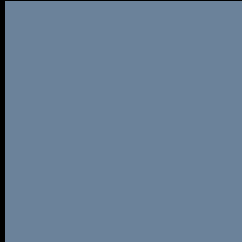
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.8590, 13.8735, -16.5393 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

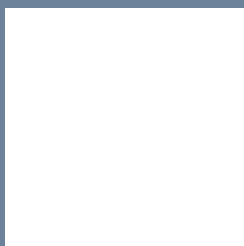
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 125.8590, 13.8735, -16.5393

Background



This preview shows how black text looks on a background with the YUV color 125.8590, 13.8735, -16.5393.



This preview shows how white text looks on a background with the YUV color 125.8590, 13.8735, -16.5393.

-16.5393.

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

125.8590, 13.8735, -16.5393

Protanopia

127.6540, 11.5096, -4.9586

Deuteranopia

128.7190, 12.9565, -2.3846



Tritanopia

124.8820, 8.9322, -18.3135

Trichromacy



Original Color

125.8590, 13.8735, -16.5393

Protanomaly

126.8600, 12.3940, -8.6472

Deuteranomaly

127.8000, 13.4096, -7.7176

Tritanomaly

125.0500, 10.8214, -17.5838

Monochromacy



Original Color

125.8590, 13.8735, -16.5393

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.6340, 5.1104, -5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.8590, 13.8735, -16.5393 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, 130, 154)` looks like.

```
.text, #text, p{  
    color:rgb(107, 130, 154)  
}
```

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, 130, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 130, 154) }
```

Border

The CSS property to change the border of an element to YUV 125.8590, 13.8735, -16.5393 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

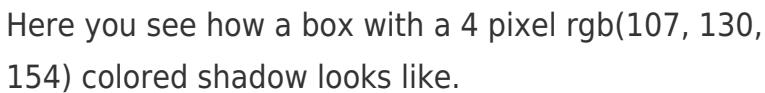
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 130, 154) }
```


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

```
.border{ border-color:rgb(107, 130, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 130, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 130, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 130, 154);  
box-shadow:4px 4px 4px 4px rgb(107, 130,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 125.8590, 13.8735, -16.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 130, 154) }
```

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

```
.background{ background-color: rgb(107,  
130, 154) }
```

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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