

Converting Colors

YUV(85.6930, 52.4094,
-56.7358)

Have a look what the booklet for
YUV(85.6930, 52.4094, -56.7358)
contains.

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Color

**YUV(85.6930, 52.4094,
-56.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	1562C0
RGB	21, 98, 192
RGB Percent	8%, 38%, 75%
CMY	0.9176, 0.6157, 0.2471
CMYK	0.89, 0.49, 0.00, 0.25
HSL	213°, 80%, 42%
HSV	213°, 89%, 75%
XYZ	14.1914, 12.7006, 51.5727
YIQ	85.6930, -76.0660, 12.9100

Conversions

Conversions Part 2

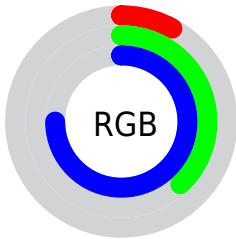
Format	Color
R_{YB}	21, 74, 192
Decimal	1401536
CIE _{Lab}	42.31, 13.93, -55.37
CIE _{LCh}	42, 57.094, 284.118
Yxy	12.7006, 0.1809, 0.1619
Android (android.graphics.Color)	4279591616 (0xFF1562C0)
YUV	85.6930, 52.4094, -56.7358
Hunter-Lab	35.6379, 8.7143, -60.8539

Details

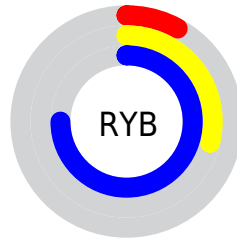
The YUV color **85.6930, 52.4094, -56.7358** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **127.3070, -52.4094, 56.7358**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1620, 51.1921, -39.6071**, and **46.8430, 44.9404, -41.0813** is the 20% darker color. If you saturate the color by 10%, you get **73.5550, 58.3934, -62.7537**, and if you desaturate by 10%, it is **97.8310, 46.4253, -50.7178**.

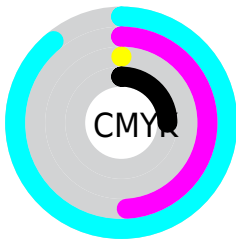
Distribution



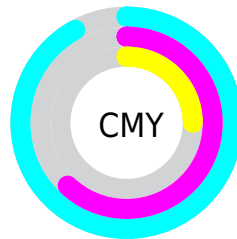
- Red (8%)
- Green (38%)
- Blue (75%)



- Red (8%)
- Yellow (29%)
- Blue (75%)



- Cyan (89%)
- Magenta (49%)
- Yellow (0%)
- Black (25%)



- Cyan (92%)
- Magenta (62%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6930, 52.4094, -56.7358 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 85.6930, 52.4094, -56.7358 by changing the saturation by 10% instead.

■ 85.6930, 52.4094,
-56.7358

■ 85.6930, 52.4094,
-56.7358

■ 255.0000, 0.0000,
0.0000

■ 62.7210, 49.9305,
-55.0063

■ 145.1620, 51.1921,
-39.6071

■ 46.8430, 44.9404,
-41.0813

■ 170.3770, 41.7191,
-34.5336

■ 32.1390, 39.3715,
-28.1859

■ 195.7830, 29.1940,
-30.5047

■ 15.2010, 35.3969,
-13.3313

■ 221.1890, 16.6688,
-26.4758

■ 10.5900, 25.3451,
-9.2874

■ 245.1330, 4.8644,
-20.2876

■ 6.3210, 16.6037,
-5.5435

■ 254.1030, 0.4422,

■ 2.5250, 7.1362,

-1.8443

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 85.6930, 52.4094,
-56.7358

■ 85.6930, 52.4094,
-56.7358

■ 73.5550, 58.3934,
-62.7537

■ 97.8310, 46.4253,
-50.7178

■ 72.3700, 58.9776,
-63.4685

■ 109.3820, 40.7307,
-44.1850

■ 121.8190, 34.5992,
-37.5523

■ 133.3700, 28.9046,
-31.0195

■ 145.5080, 22.9206,
-25.0015

■ 157.0590, 17.2259,
-18.4687

■ 169.1970, 11.2419,
-12.4508

■ 181.0470, 5.3998,
-5.3032

■ 193.1850, -0.5842,
0.7148

Harmonies

Analogous

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



87.5180, 51.0166, -76.7533



85.6930, 52.4094, -56.7358



102.3350, 32.3728, 23.3852

Triad

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



85.6930, 52.4094, -56.7358



94.4480, -29.3079, 67.1361



78.0610, -2.9881, -68.4595

Complementary

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



85.6930, 52.4094, -56.7358



127.3070, -52.4094, 56.7358

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.



82.3970, -29.2827, -34.5512



85.6930, 52.4094, -56.7358



93.8150, -46.2508, 41.3812

Square

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



85.6930, 52.4094, -56.7358



92.0130, -5.9224, 79.7956



91.5350, -45.1268, 7.4238



84.9350, 18.2730, -74.4880

Rectangle

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



85.6930, 52.4094, -56.7358



99.5470, 20.9293, 53.8943



91.5350, -45.1268, 7.4238



75.6500, -9.6874, -66.3450

Sweetspot

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



85.6930, 52.4094, -56.7358



207.9490, 20.7311, -22.7573



131.7510, -9.7372, -97.1286



100.1260, 12.2629, -13.2655



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



85.6930, 52.4094, -56.7358



94.8310, 76.4983, -83.1668



42.2880, 73.8080, -13.4076



91.0750, 2.9210, -3.5738



60.6180, 49.4883, -53.1620



12.5670, 10.0735, -11.0213

Inverse Universe

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



80.9070, 8.4268, 97.4286



87.6320, 12.5064, 142.3967



170.7120, -73.8080, 13.4076



90.5600, 0.7099, 5.6479



56.3470, 7.7169, 91.7807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 85.6930, 52.4094, -56.7358 looks on a white 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

Black Background



This preview shows how the YUV color 85.6930, 52.4094, -56.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

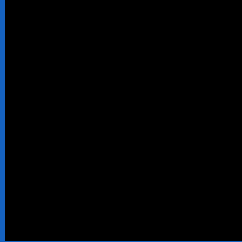
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6930, 52.4094, -56.7358

Background



This preview shows how black text looks on a background with the YUV color 85.6930, 52.4094, -56.7358.



This preview shows how white text looks on a background with the YUV color 85.6930, 52.4094,

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

85.6930, 52.4094, -56.7358

Protanopia

91.7660, 48.4294, -40.1368

Deuteranopia

80.0520, 47.7954, -70.2056



Tritanopia

78.6090, 19.4198, -68.9401

Trichromacy



Original Color

85.6930, 52.4094, -56.7358

Protanomaly

89.7760, 49.9034, -46.2846

Deuteranomaly

82.4270, 49.0895, -65.2725

Tritanomaly

81.1440, 31.4810, -64.1473

Monochromacy



Original Color

85.6930, 52.4094, -56.7358

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.6180, 19.4153, -20.7130

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6930, 52.4094, -56.7358 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(21, 98, 192)` looks like.

```
.text, #text, p{  
    color:rgb(21, 98, 192)  
}
```

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(21, 98, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 98, 192) }
```

Border

The CSS property to change the border of an element to YUV 85.6930, 52.4094, -56.7358 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(21, 98, 192) }
```


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

```
.border{ border-color:rgb(21, 98, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 98, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 98, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 98, 192);  
box-shadow:4px 4px 4px 4px rgb(21, 98,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 85.6930, 52.4094, -56.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 98, 192) }
```

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

```
.background{ background-color: rgb(21, 98,  
192) }
```

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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