

Converting Colors

YUV(83.7090, 34.6535,
-54.9958)

Have a look what the booklet for
YUV(83.7090, 34.6535, -54.9958)
contains.

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Color

**YUV(83.7090, 34.6535,
-54.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	15669A
RGB	21, 102, 154
RGB Percent	8%, 40%, 60%
CMY	0.9176, 0.6000, 0.3961
CMYK	0.86, 0.34, 0.00, 0.40
HSL	203°, 76%, 34%
HSV	203°, 86%, 60%
XYZ	10.8934, 11.9953, 32.3130
YIQ	83.7090, -64.9680, -1.0000

Conversions

Conversions Part 2

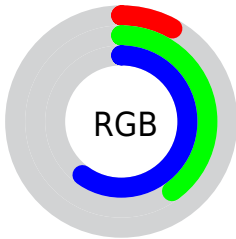
Format	Color
R_{YB}	21, 71, 154
Decimal	1402522
CIE _{Lab}	41.21, -3.72, -34.77
CIE _{LCh}	41, 34.967, 263.899
Yxy	11.9953, 0.1973, 0.2173
Android (android.graphics.Color)	4279592602 (0xFF15669A)
YUV	83.7090, 34.6535, -54.9958
Hunter-Lab	34.6342, -4.4668, -31.0725

Details

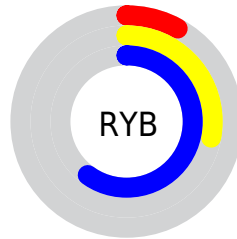
The YUV color **83.7090, 34.6535, -54.9958** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **91.2910, -34.6535, 54.9958**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8460, 33.5999, -43.7149**, and **44.5000, 28.3475, -39.0265** is the 20% darker color. If you saturate the color by 10%, you get **75.7020, 38.6009, -61.1287**, and if you desaturate by 10%, it is **91.7160, 30.7060, -48.8629**.

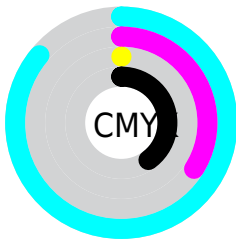
Distribution



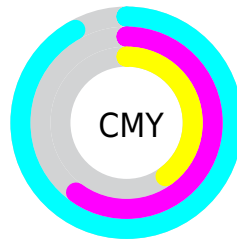
- Red (8%)
- Green (40%)
- Blue (60%)



- Red (8%)
- Yellow (28%)
- Blue (60%)



- Cyan (86%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (92%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.7090, 34.6535, -54.9958 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 83.7090, 34.6535, -54.9958 by changing the saturation by 10% instead.

■ 83.7090, 34.6535,
-54.9958

■ 83.7090, 34.6535,
-54.9958

■ 255.0000, 0.0000,
0.0000

■ 60.3780, 33.3376,
-52.9515

■ 140.8460, 33.5999,
-43.7149

■ 44.5000, 28.3475,
-39.0265

■ 167.9710, 34.0313,
-42.0706

■ 29.4370, 23.9416,
-25.8162

■ 194.8310, 29.6633,
-41.0708

■ 13.3140, 20.5512,
-11.6764

■ 219.9380, 17.2856,
-37.6566

■ 4.9360, 13.8356,
-4.3289

■ 240.3490, 7.2229,
-30.1241

■ 0.6840, 2.6208,
-0.5999

■ 249.3190, 2.8007,

■ 0.0000, 0.0000,

-11.6808

0.0000

■ 83.7090, 34.6535,
-54.9958

■ 83.7090, 34.6535,
-54.9958

■ 75.7020, 38.6009,
-61.1287

■ 91.7160, 30.7060,
-48.8629

■ 72.7340, 40.0641,
-63.7877

■ 100.0220, 26.6112,
-42.1153

■ 108.0290, 22.6637,
-35.9824

■ 116.3350, 18.5688,
-29.2348

■ 124.3420, 14.6214,
-23.1019

■ 132.3490, 10.6739,
-16.9691

■ 140.6550, 6.5791,
-10.2214

■ 148.6620, 2.6316,
-4.0886

■ 156.9680, -1.4632,
2.6591

Harmonies

Analogous

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



80.2850, 30.9185, -70.4099



83.7090, 34.6535, -54.9958



98.0140, 25.6291, -7.0283

Triad

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



83.7090, 34.6535, -54.9958



97.2510, -10.4767, 47.1379



87.2080, -12.4275, -27.3694

Complementary

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



83.7090, 34.6535, -54.9958



91.2910, -34.6535, 54.9958

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.



91.8710, -24.5864, -0.7639



83.7090, 34.6535, -54.9958



96.5090, -21.9429, 38.1416

Square

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



83.7090, 34.6535, -54.9958



98.6600, 2.6326, 42.3942



95.0910, -28.1459, 20.9682



75.4170, 7.1894, -66.1407

Rectangle

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



83.7090, 34.6535, -54.9958



99.8380, 19.3069, 14.1741



95.0910, -28.1459, 20.9682



89.5960, -17.5488, -18.0627

Sweetspot

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



83.7090, 34.6535, -54.9958



173.7120, 13.4530, -21.6724



104.8850, -16.2123, -73.5671



85.3880, 8.1897, -13.4953



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.



83.7090, 34.6535, -54.9958



95.1150, 52.2013, -83.4159



45.5540, 53.4639, -21.5339



72.8470, 2.0474, -3.3738



65.8550, 36.5535, -57.7548



6.1780, 3.3632, -5.4181

Inverse Universe

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



70.0010, 15.7755, 73.6671



74.1210, 24.0973, 111.2729



129.4460, -53.4639, 21.5339



71.9620, 1.0047, 4.4183



51.5500, 16.4909, 77.5707



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 83.7090, 34.6535, -54.9958 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 83.7090, 34.6535, -54.9958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

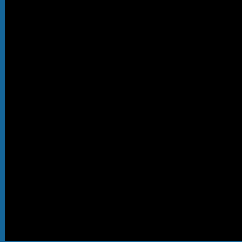
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.7090, 34.6535, -54.9958

Background



This preview shows how black text looks on a background with the YUV color 83.7090, 34.6535, -54.9958.



This preview shows how white text looks on a background with the YUV color 83.7090, 34.6535,

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

83.7090, 34.6535, -54.9958

Protanopia

95.9590, 25.6562, -15.7500

Deuteranopia

93.4460, 30.3461, -26.7011



Tritanopia

76.6200, 19.4143, -67.1957

Trichromacy



Original Color

83.7090, 34.6535, -54.9958

Protanomaly

91.6690, 28.7572, -30.4047

Deuteranomaly

90.1350, 31.9784, -36.9524

Tritanomaly

79.4340, 24.9290, -62.6476

Monochromacy



Original Color

83.7090, 34.6535, -54.9958

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0820, 12.2846, -20.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.7090, 34.6535, -54.9958 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, 102, 154)` looks like.

```
.text, #text, p{  
    color:rgb(21, 102, 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(21, 102, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 102, 154) }
```

Border

The CSS property to change the border of an element to YUV 83.7090, 34.6535, -54.9958 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, 102, 154) }
```


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

```
.border{ border-color:rgb(21, 102, 154) }
```

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

Here you see how a box with a 4 pixel rgb(21, 102, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 102, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 102, 154);  
box-shadow:4px 4px 4px 4px rgb(21, 102,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 83.7090, 34.6535, -54.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 102, 154) }
```

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

```
.background{ background-color: rgb(21, 102,  
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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