

Converting Colors

YUV(85.3090, 34.8507,
-24.8270)

Have a look what the booklet for
YUV(85.3090, 34.8507, -24.8270)
contains.

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Color

**YUV(85.3090, 34.8507,
-24.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	39569C
RGB	57, 86, 156
RGB Percent	22%, 34%, 61%
CMY	0.7765, 0.6627, 0.3882
CMYK	0.63, 0.45, 0.00, 0.39
HSL	222°, 46%, 42%
HSV	222°, 63%, 61%
XYZ	11.0159, 9.9257, 32.7877
YIQ	85.3090, -39.7540, 15.6220

Conversions

Conversions Part 2

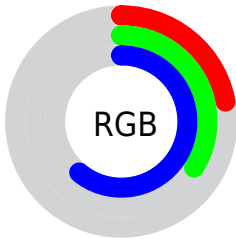
Format	Color
R _{YB}	57, 79, 156
Decimal	3757724
CIE _{Lab}	37.71, 12.28, -41.45
CIE _{LCh}	38, 43.232, 286.496
Yxy	9.9257, 0.2050, 0.1847
Android (android.graphics.Color)	4281947804 (0xFF39569C)
YUV	85.3090, 34.8507, -24.8270
Hunter-Lab	31.5051, 7.2792, -39.6502

Details

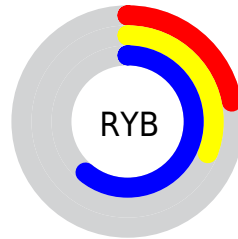
The YUV color **85.3090, 34.8507, -24.8270** is a dark color, and the websafe version is hex **666699**, and the color name is **facebook blue**. A complement of this color would be **127.6910, -34.8507, 24.8270**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.0860, 36.4396, -21.1234**, and **36.5100, 33.2726, -32.0193** is the 20% darker color. If you saturate the color by 10%, you get **74.0680, 40.3925, -29.0006**, and if you desaturate by 10%, it is **96.5500, 29.3089, -20.6533**.

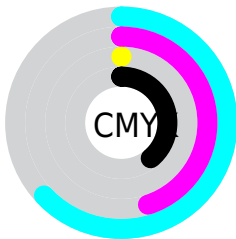
Distribution



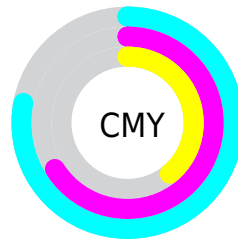
- Red (22%)
- Green (34%)
- Blue (61%)



- Red (22%)
- Yellow (31%)
- Blue (61%)



- Cyan (63%)
- Magenta (45%)
- Yellow (0%)
- Black (39%)



- Cyan (78%)
- Magenta (66%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3090, 34.8507, -24.8270 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 85.3090, 34.8507, -24.8270 by changing the saturation by 10% instead.

■ 85.3090, 34.8507,
-24.8270

■ 85.3090, 34.8507,
-24.8270

■ 255.0000, 0.0000,
0.0000

■ 58.6780, 35.1617,
-31.2896

■ 137.0860, 36.4396,
-21.1234

■ 36.5100, 33.2726,
-32.0193

■ 164.0260, 37.4552,
-20.1938

■ 21.9200, 28.1404,
-19.2238

■ 189.9570, 32.0662,
-18.3793

■ 8.1450, 23.5925,
-7.1432

■ 215.0640, 19.6884,
-14.9651

■ 5.0500, 14.2723,
-4.4289

■ 240.1710, 7.3107,
-11.5510

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 85.3090, 34.8507,
-24.8270

■ 85.3090, 34.8507,
-24.8270

■ 74.0680, 40.3925,
-29.0006

■ 96.5500, 29.3089,
-20.6533

■ 63.1260, 45.7869,
-32.5595

■ 107.4920, 23.9144,
-17.0945

■ 51.8850, 51.3287,
-36.7331

■ 118.7330, 18.3726,
-12.9208

■ 44.7860, 54.8285,
-39.2773

■ 129.6750, 12.9782,
-9.3620

■ 140.9160, 7.4364,
-5.1883

■ 152.1570, 1.8946,
-1.0147

■ 163.0990, -3.4998,
2.5442

■ 174.3400, -9.0416,
6.7178

■ 185.2820,
-14.4360, 10.2767

Harmonies

Analogous

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



74.8370, 40.5064, -65.6320



85.3090, 34.8507, -24.8270



91.6800, 22.3428, 20.4516

Triad

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



85.3090, 34.8507, -24.8270



86.2330, -23.2859, 48.9077



69.1420, 0.9160, -60.6375

Complementary

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



85.3090, 34.8507, -24.8270



127.6910, -34.8507, 24.8270

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.



76.9710, -19.7057, -26.2846



85.3090, 34.8507, -24.8270



84.7240, -34.8669, 30.0601

Square

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



85.3090, 34.8507, -24.8270



86.4140, -7.5991, 57.5189



82.1570, -35.0804, 5.1243



73.9470, 16.7881, -64.8515

Rectangle

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



85.3090, 34.8507, -24.8270



90.1080, 13.2578, 41.1243



82.1570, -35.0804, 5.1243



67.1870, -4.0362, -58.9230

Sweetspot

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



85.3090, 34.8507, -24.8270



176.4900, 13.5624, -10.0767



122.9790, 1.4894, -57.8636



85.1440, 8.3100, -5.3883



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.



85.3090, 34.8507, -24.8270



93.0850, 54.6811, -38.6625



74.2660, 40.2949, 2.3977



73.0860, 2.9156, -1.8294



40.9560, 50.3077, -35.9184



4.0580, 5.3944, -3.5589

Inverse Universe

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



89.9070, -1.9262, 57.9636



100.4750, -3.1922, 90.7914



138.7340, -40.2949, -2.3977



73.6200, -0.3057, 4.7183



47.5450, -2.7337, 83.7140



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 85.3090, 34.8507, -24.8270 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 ✓ Pass

Black Background



This preview shows how the YUV color 85.3090, 34.8507, -24.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 85.3090, 34.8507, -24.8270

Background



This preview shows how black text looks on a background with the YUV color 85.3090, 34.8507, -24.8270.



This preview shows how white text looks on a background with the YUV color 85.3090, 34.8507,

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

85.3090, 34.8507, -24.8270

Protanopia

85.0100, 34.9981, -25.4418

Deuteranopia

80.0680, 36.9415, -42.1556



Tritanopia

77.5800, 13.5181, -42.6047

Trichromacy



Original Color

85.3090, 34.8507, -24.8270

Protanomaly

85.0100, 34.9981, -25.4418

Deuteranomaly

82.1720, 35.9042, -36.1078

Tritanomaly

80.3880, 21.5007, -36.2973

Monochromacy



Original Color

85.3090, 34.8507, -24.8270

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9740, 12.8308, -8.7472

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3090, 34.8507, -24.8270 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(57, 86, 156)` looks like.

```
.text, #text, p{  
    color:rgb(57, 86, 156)  
}
```

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(57, 86, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 86, 156) }
```

Border

The CSS property to change the border of an element to YUV 85.3090, 34.8507, -24.8270 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(57, 86, 156) }
```


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

```
.border{ border-color:rgb(57, 86, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 86, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 86, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 86, 156);  
box-shadow:4px 4px 4px 4px rgb(57, 86,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 85.3090, 34.8507, -24.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 86, 156) }
```

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

```
.background{ background-color: rgb(57, 86,  
156) }
```

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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