

Converting Colors

YUV(85.0100, 34.9981,
-25.4418)

Have a look what the booklet for
YUV(85.0100, 34.9981, -25.4418)
contains.

YUV(85.0100, 34.9981, -25.4418)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.0100, 34.9981,
-25.4418)**

Conversions

Conversions Part 1

Format	Color
Hex	38569C
RGB	56, 86, 156
RGB Percent	22%, 34%, 61%
CMY	0.7804, 0.6627, 0.3882
CMYK	0.64, 0.45, 0.00, 0.39
HSL	222°, 47%, 42%
HSV	222°, 64%, 61%
XYZ	10.9594, 9.8966, 32.7851
YIQ	85.0100, -40.3500, 15.4100

Conversions

Conversions Part 2

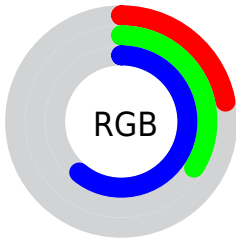
Format	Color
RYB	56, 79, 156
Decimal	3692188
CIELab	37.66, 12.09, -41.54
CIElCh	38, 43.262, 286.221
Yxy	9.8966, 0.2043, 0.1845
Android (android.graphics.Color)	4281882268 (0xFF38569C)
YUV	85.0100, 34.9981, -25.4418
Hunter-Lab	31.4589, 7.1314, -39.7682

Details

The YUV color **85.0100, 34.9981, -25.4418** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **126.9900, -34.9981, 25.4418**, 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 **73.7690, 40.5399, -29.6154**, and if you desaturate by 10%, it is **96.2510, 29.4563, -21.2681**.

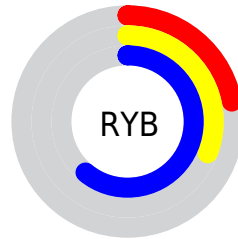
Distribution



Red (22%)

Green (34%)

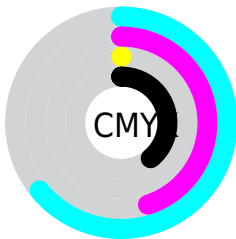
Blue (61%)



Red (22%)

Yellow (31%)

Blue (61%)

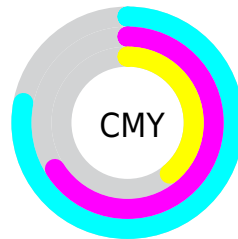


Cyan (64%)

Magenta (45%)

Yellow (0%)

Black (39%)



Cyan (78%)

Magenta (66%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0100, 34.9981, -25.4418 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 85.0100, 34.9981, -25.4418 by changing the saturation by 10% instead.

■ 85.0100, 34.9981,
-25.4418

■ 85.0100, 34.9981,
-25.4418

■ 255.0000, 0.0000,
0.0000

■ 58.3790, 35.3092,
-31.9044

■ 137.0860, 36.4396,
-21.1234

■ 36.5100, 33.2726,
-32.0193

■ 163.7270, 37.6026,
-20.8086

■ 21.9200, 28.1404,
-19.2238

■ 189.9570, 32.0662,
-18.3793

■ 8.7320, 23.3031,
-7.6580

■ 214.7650, 19.8359,
-15.5799

■ 5.0500, 14.2723,
-4.4289

■ 239.8720, 7.4581,
-12.1657

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 85.0100, 34.9981,
-25.4418

■ 85.0100, 34.9981,
-25.4418

■ 73.7690, 40.5399,
-29.6154

■ 96.2510, 29.4563,
-21.2681

■ 62.8270, 45.9343,
-33.1743

■ 107.1930, 24.0619,
-17.7093

■ 51.5860, 51.4761,
-37.3479

■ 118.4340, 18.5200,
-13.5356

■ 45.3730, 54.5391,
-39.7921

■ 129.3760, 13.1256,
-9.9768

■ 140.6170, 7.5838,
-5.8031

■ 151.8580, 2.0420,
-1.6295

■ 162.2130, -3.0630,
2.4442

■ 173.4540, -8.6048,
6.6178

■ 184.3960,
-13.9992, 10.1767

Harmonies

Analogous

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



74.7230, 40.0696, -65.5321



85.0100, 34.9981, -25.4418



91.3810, 22.4902, 19.8369

Triad

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



85.0100, 34.9981, -25.4418



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.



85.0100, 34.9981, -25.4418



126.9900, -34.9981, 25.4418

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



85.0100, 34.9981, -25.4418



85.0230, -35.0143, 30.6748

Square

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



85.0100, 34.9981, -25.4418



86.4140, -7.5991, 57.5189



82.1570, -35.0804, 5.1243



73.8330, 16.3513, -64.7515

Rectangle

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



85.0100, 34.9981, -25.4418



89.8090, 13.4052, 40.5095



82.1570, -35.0804, 5.1243



67.1870, -4.0362, -58.9230

Sweetspot

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



85.0100, 34.9981, -25.4418



176.4900, 13.5624, -10.0767



122.6800, 1.6368, -58.4784



85.7310, 8.0206, -5.9031



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.



85.0100, 34.9981, -25.4418



92.4870, 54.9759, -39.8921



73.3800, 40.7317, 2.2977



73.6730, 2.6262, -2.3442



41.5430, 50.0183, -36.4332



4.6450, 5.1050, -4.0737

Inverse Universe

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



89.3200, -1.6368, 58.4784



99.3010, -2.6134, 91.8210



138.6200, -40.7317, -2.2977



73.7340, 0.1311, 4.6183



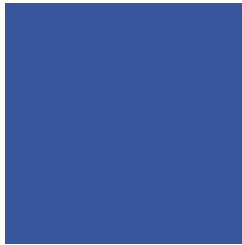
47.6590, -2.2969, 83.6141



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 85.0100, 34.9981, -25.4418 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 85.0100, 34.9981, -25.4418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

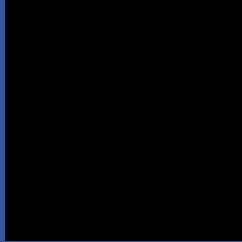
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0100, 34.9981, -25.4418

Background



This preview shows how black text looks on a background with the YUV color 85.0100, 34.9981, -25.4418.



This preview shows how white text looks on a background with the YUV color 85.0100, 34.9981,

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

85.0100, 34.9981, -25.4418

Protanopia

85.0100, 34.9981, -25.4418

Deuteranopia

79.7690, 37.0889, -42.7704



Tritanopia

76.9820, 13.8129, -43.8342

Trichromacy



Original Color

85.0100, 34.9981, -25.4418

Protanomaly

85.0100, 34.9981, -25.4418

Deuteranomaly

81.8730, 36.0516, -36.7226

Tritanomaly

80.0890, 21.6481, -36.9121

Monochromacy



Original Color

85.0100, 34.9981, -25.4418

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.6750, 12.9782, -9.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0100, 34.9981, -25.4418 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(56, 86, 156)` looks like.

```
.text, #text, p{  
    color:rgb(56, 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(56, 86, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 86, 156) }
```

Border

The CSS property to change the border of an element to YUV 85.0100, 34.9981, -25.4418 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(56, 86, 156) }
```


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

```
.border{ border-color:rgb(56, 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(56, 86, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 86, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 86, 156);  
box-shadow:4px 4px 4px 4px rgb(56, 86,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 85.0100, 34.9981, -25.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 86, 156) }
```

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

```
.background{ background-color: rgb(56, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor