

Converting Colors

YUV(68.2600, 89.5978,
-37.9390)

Have a look what the booklet for
YUV(68.2600, 89.5978, -37.9390)
contains.

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Color

**YUV(68.2600, 89.5978,
-37.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	1937FA
RGB	25, 55, 250
RGB Percent	10%, 22%, 98%
CMY	0.9020, 0.7843, 0.0196
CMYK	0.90, 0.78, 0.00, 0.02
HSL	232°, 96%, 54%
HSV	232°, 90%, 98%
XYZ	19.0224, 9.8412, 91.3394
YIQ	68.2600, -80.4750, 54.2850

Conversions

Conversions Part 2

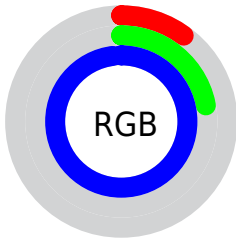
Format	Color
R _Y B	25, 51, 250
Decimal	1652730
CIE Lab	37.56, 61.62, -96.29
CIE LCh	38, 114.318, 302.620
Yxy	9.8412, 0.1583, 0.0819
Android (android.graphics.Color)	4279842810 (0xFF1937FA)
YUV	68.2600, 89.5978, -37.9390
Hunter-Lab	31.3707, 53.3395, -150.6705

Details

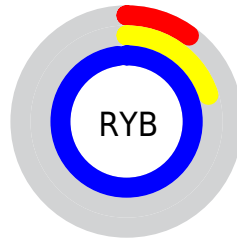
The YUV color **68.2600, 89.5978, -37.9390** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **206.7400, -89.5978, 37.9390**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8840, 63.1612, -5.1603**, and **24.8230, 82.4183, -21.7698** is the 20% darker color. If you saturate the color by 10%, you get **47.8710, 99.6496, -41.9829**, and if you desaturate by 10%, it is **88.6490, 79.5460, -33.8952**.

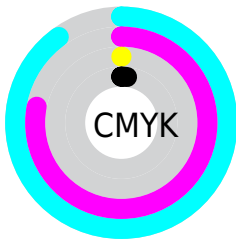
Distribution



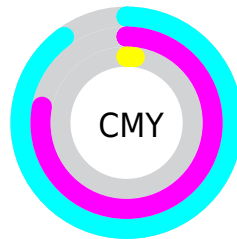
- Red (10%)
- Green (22%)
- Blue (98%)



- Red (10%)
- Yellow (20%)
- Blue (98%)



- Cyan (90%)
- Magenta (78%)
- Yellow (0%)
- Black (2%)



- Cyan (90%)
- Magenta (78%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.2600, 89.5978, -37.9390 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 68.2600, 89.5978, -37.9390 by changing the saturation by 10% instead.

■ 68.2600, 89.5978,
-37.9390

■ 68.2600, 89.5978,
-37.9390

■ 255.0000, 0.0000,
0.0000

■ 43.3910, 87.5612,
-38.0539

■ 126.8840, 63.1612,
-5.1603

■ 24.8230, 82.4183,
-21.7698

■ 152.6110, 50.4778,
2.9722

■ 18.6960, 71.6349,
-16.3964

■ 178.3270, 37.7998,
9.3602

■ 15.5040, 59.4045,
-13.5970

■ 204.0430, 25.1218,
15.7483

■ 20.1710, 44.2857,
-17.6900

■ 230.0470, 12.3018,
21.0068

■ 16.0330, 33.5077,
-14.0609

■ 247.3690, 3.7621,

■ 10.3620, 24.4715,

6.6924

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 68.2600, 89.5978,
-37.9390

■ 68.2600, 89.5978,
-37.9390

■ 47.8710, 99.6496,
-41.9829

■ 88.6490, 79.5460,
-33.8952

■ 108.4510, 69.7837,
-29.3365

■ 128.8400, 59.7319,
-25.2927

■ 149.2290, 49.6801,
-21.2488

■ 169.0310, 39.9177,
-16.6902

■ 189.4200, 29.8659,
-12.6463

■ 209.8090, 19.8142,
-8.6025

■ 229.6110, 10.0518,
-4.0438

■ 250.0000, 0.0000,
0.0000

Harmonies

Analogous

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



90.1180, 81.2868, -79.0335



68.2600, 89.5978, -37.9390



78.3690, 48.1321, 102.2854

Triad

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



68.2600, 89.5978, -37.9390



71.6740, -35.3353, 87.1089



79.5090, 7.6371, -69.7294

Complementary

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



68.2600, 89.5978, -37.9390



206.7400, -89.5978, 37.9390

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.



66.9180, -32.9906, -58.6871



68.2600, 89.5978, -37.9390



82.7410, -40.7913, 16.8901

Square

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



68.2600, 89.5978, -37.9390



65.4810, -32.2821, 134.6362



63.3960, -31.2542, -55.5983



91.9860, 47.8279, -80.6717

Rectangle

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



68.2600, 89.5978, -37.9390



81.0970, 17.2072, 127.9569



63.3960, -31.2542, -55.5983



75.1600, -6.4879, -65.9153

Sweetspot

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



68.2600, 89.5978, -37.9390



199.1490, 27.5345, -11.5317



179.3050, 20.0626, -135.3255



94.6090, 16.4618, -6.6731



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



68.2600, 89.5978, -37.9390



49.0280, 101.5442, -42.9976



75.1680, 86.1922, 27.9167



114.6560, 5.0996, -2.3293



36.2210, 75.3200, -31.7658



11.6500, 24.3296, -10.2171

Inverse Universe

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



95.6950, -20.0626, 135.3255



80.1210, -22.7377, 153.3689



199.5330, -86.0448, -28.5314



116.1150, -1.0427, 7.7921



59.3610, -16.9400, 113.6934



19.1510, -5.4974, 36.7016

Previews

White Background



This preview shows how the YUV color 68.2600, 89.5978, -37.9390 looks on a white background.

Color Contrast Check

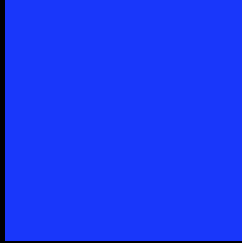
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.2600, 89.5978, -37.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

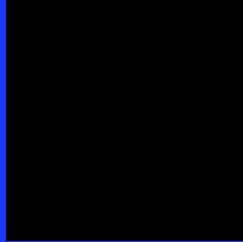
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.2600, 89.5978, -37.9390

Background



This preview shows how black text looks on a background with the YUV color 68.2600, 89.5978, -37.9390.



This preview shows how white text looks on a background with the YUV color 68.2600, 89.5978, -37.9390.

-37.9390.

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

68.2600, 89.5978, -37.9390

Protanopia

69.4860, 53.0044, -60.9392

Deuteranopia

69.9300, 39.4745, -61.3286



Tritanopia

68.5670, 16.4825, -60.1333

Trichromacy



Original Color

68.2600, 89.5978, -37.9390

Protanomaly

68.7980, 66.6546, -52.4428

Deuteranomaly

69.0940, 57.6347, -52.7024

Tritanomaly

68.6090, 43.0838, -52.2771

Monochromacy



Original Color

68.2600, 89.5978, -37.9390

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8050, 32.6341, -13.8610

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2600, 89.5978, -37.9390 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(25, 55, 250)` looks like.

```
.text, #text, p{  
    color:rgb(25, 55, 250)  
}
```

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(25, 55, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 55, 250) }
```

Border

The CSS property to change the border of an element to YUV 68.2600, 89.5978, -37.9390 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(25, 55, 250) }
```


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

```
.border{ border-color:rgb(25, 55, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 55, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 55, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 55, 250);  
box-shadow:4px 4px 4px 4px rgb(25, 55,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 68.2600, 89.5978, -37.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 55, 250) }
```

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

```
.background{ background-color: rgb(25, 55,  
250) }
```

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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