

Converting Colors

YUV(137.2740, 58.0389,
-42.3363)

Have a look what the booklet for
YUV(137.2740, 58.0389, -42.3363)
contains.

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Color

**YUV(137.2740, 58.0389,
-42.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	598BFF
RGB	89, 139, 255
RGB Percent	35%, 55%, 100%
CMY	0.6510, 0.4549, 0.0000
CMYK	0.65, 0.45, 0.00, 0.00
HSL	222°, 100%, 67%
HSV	222°, 65%, 100%
XYZ	31.4024, 27.8091, 98.3203
YIQ	137.2740, -67.0360, 25.4760

Conversions

Conversions Part 2

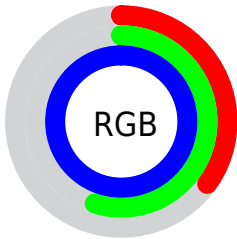
Format	Color
R _Y B	89, 127, 255
Decimal	5868543
CIE Lab	59.72, 19.30, -62.77
CIE LCh	60, 65.666, 287.088
Yxy	27.8091, 0.1993, 0.1765
Android (android.graphics.Color)	4284058623 (0xFF598BFF)
YUV	137.2740, 58.0389, -42.3363
Hunter-Lab	52.7343, 14.0088, -73.6290

Details

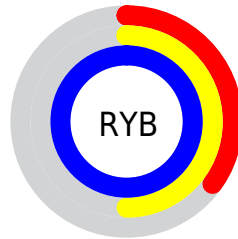
The YUV color **137.2740, 58.0389, -42.3363** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **206.7260, -58.0389, 42.3363**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5210, 33.2671, -30.2749**, and **75.2880, 60.0040, -66.0276** is the 20% darker color. If you saturate the color by 10%, you get **119.2330, 66.9331, -48.4393**, and if you desaturate by 10%, it is **155.6140, 48.9973, -35.6185**.

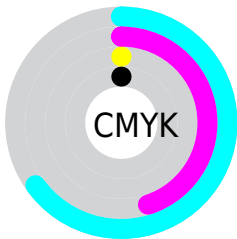
Distribution



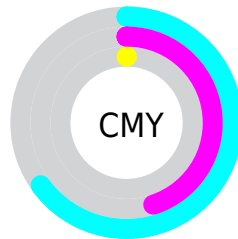
- Red (35%)
- Green (55%)
- Blue (100%)



- Red (35%)
- Yellow (50%)
- Blue (100%)



- Cyan (65%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2740, 58.0389, -42.3363 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 137.2740, 58.0389, -42.3363 by changing the saturation by 10% instead.

■ 137.2740, 58.0389,
-42.3363

■ 137.2740, 58.0389,
-42.3363

255.0000, 0.0000,
0.0000

■ 107.9310, 58.2080,
-49.9285

■ 187.5210, 33.2671,
-30.2749

■ 75.2880, 60.0040,
-66.0276

■ 213.2260, 20.5946,
-25.6312

■ 58.7090, 54.8665,
-51.4878

■ 238.6320, 8.0694,
-21.6023

■ 43.3040, 49.1501,
-37.9776

■ 252.0100, 1.4741,
-6.1478

■ 29.0730, 42.8550,
-25.4970

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 137.2740, 58.0389,
-42.3363

■ 137.2740, 58.0389,
-42.3363

■ 119.2330, 66.9331,
-48.4393

■ 155.6140, 48.9973,
-35.6185

■ 100.8930, 75.9748,
-55.1572

■ 173.6550, 40.1031,
-29.5154

■ 83.4390, 84.5796,
-61.7750

■ 191.4080, 31.3509,
-22.2828

■ 74.2690, 89.1004,
-65.1339

■ 209.4490, 22.4566,
-16.1798

■ 227.7890, 13.4150,
-9.4620

■ 245.8300, 4.5208,
-3.3589

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



121.8160, 65.6597, -106.8326



137.2740, 58.0389, -42.3363



147.9650, 36.9923, 35.1107

Triad

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



137.2740, 58.0389, -42.3363



138.4190, -38.6606, 80.3165



112.4270, 1.7615, -98.5985

Complementary

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



137.2740, 58.0389, -42.3363



206.7260, -58.0389, 42.3363

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.



123.3370, -31.7181, -46.7765



137.2740, 58.0389, -42.3363



135.8040, -63.0074, 49.2839

Square

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



137.2740, 58.0389, -42.3363



137.8040, -12.2284, 95.7649



130.9100, -64.0456, 8.8489



120.4410, 27.3906, -105.6268

Rectangle

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



137.2740, 58.0389, -42.3363



144.6890, 22.3383, 68.6787



130.9100, -64.0456, 8.8489



109.5600, -6.6851, -96.0841

Sweetspot

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



137.2740, 58.0389, -42.3363



218.6190, 17.9358, -12.8209



199.3240, 1.3193, -96.7541



105.8170, 10.9362, -7.7325



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.



137.2740, 58.0389, -42.3363



113.9060, 69.5593, -50.7836



116.8940, 68.0863, 1.8470



118.8300, 4.5208, -3.3589



55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Inverse Universe

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



144.3340, -2.6297, 97.0541



122.3410, -3.1261, 116.3419



227.1060, -68.0863, -1.8470



119.3430, -0.1691, 7.5922



63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 137.2740, 58.0389, -42.3363 looks on a white 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

Black Background



This preview shows how the YUV color 137.2740, 58.0389, -42.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

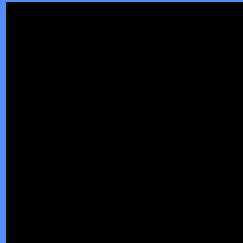
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

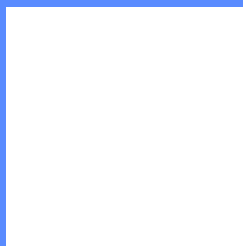
Any Text WCAG AAA × Fail

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

YUV 137.2740, 58.0389, -42.3363 Background



This preview shows how black text looks on a background with the YUV color 137.2740, 58.0389, -42.3363.



This preview shows how white text looks on a background with the YUV color 137.2740, 58.0389, -42.3363.

-42.3363.

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

137.2740, 58.0389, -42.3363

Protanopia

136.9750, 58.1863, -42.9511

Deuteranopia

126.5150, 62.3571, -74.1197



Tritanopia

123.0040, 23.6620, -76.3025

Trichromacy



Original Color

137.2740, 58.0389, -42.3363

Protanomaly

136.9750, 58.1863, -42.9511

Deuteranomaly

130.5380, 60.8668, -62.7388

Tritanomaly

128.1100, 36.4278, -64.1175

Monochromacy



Original Color

137.2740, 58.0389, -42.3363

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.4060, 20.9988, -15.2651

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2740, 58.0389, -42.3363 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(89, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 139, 255)  
}
```

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(89, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 139, 255) }
```

Border

The CSS property to change the border of an element to YUV 137.2740, 58.0389, -42.3363 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(89, 139, 255) }
```


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

```
.border{ border-color:rgb(89, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 139,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 137.2740, 58.0389, -42.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 139, 255) }
```

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

```
.background{ background-color: rgb(89, 139,  
255) }
```

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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