

Converting Colors

YUV(142.7320, 53.3761,
-40.1070)

Have a look what the booklet for
YUV(142.7320, 53.3761, -40.1070)
contains.

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Color

**YUV(142.7320, 53.3761,
-40.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	6191FB
RGB	97, 145, 251
RGB Percent	38%, 57%, 98%
CMY	0.6196, 0.4314, 0.0157
CMYK	0.61, 0.42, 0.00, 0.02
HSL	221°, 95%, 68%
HSV	221°, 61%, 98%
XYZ	32.4678, 29.7572, 95.2993
YIQ	142.7320, -62.6340, 22.7900

Conversions

Conversions Part 2

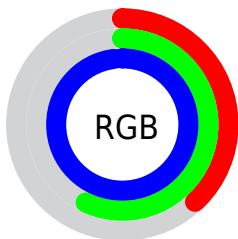
Format	Color
R_{YB}	97, 134, 251
Decimal	6394363
CIE _{Lab}	61.44, 15.71, -57.79
CIE _{LCh}	61, 59.884, 285.210
Yxy	29.7572, 0.2061, 0.1889
Android (android.graphics.Color)	4284584443 (0xFF6191FB)
YUV	142.7320, 53.3761, -40.1070
Hunter-Lab	54.5502, 10.7787, -65.3946

Details

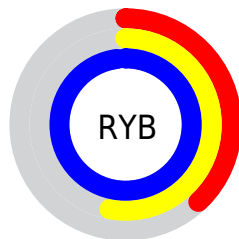
The YUV color **142.7320, 53.3761, -40.1070** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **205.2680, -53.3761, 40.1070**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8370, 30.6464, -29.6750**, and **79.3760, 56.5096, -65.2278** is the 20% darker color. If you saturate the color by 10%, you get **125.2780, 61.9809, -46.7248**, and if you desaturate by 10%, it is **160.1860, 44.7713, -33.4891**.

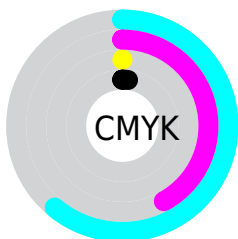
Distribution



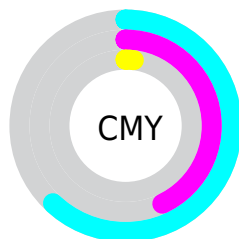
- Red (38%)
- Green (57%)
- Blue (98%)



- Red (38%)
- Yellow (53%)
- Blue (98%)



- Cyan (61%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)



- Cyan (62%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.7320, 53.3761, -40.1070 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 142.7320, 53.3761, -40.1070 by changing the saturation by 10% instead.

■ 142.7320, 53.3761,
-40.1070

■ 142.7320, 53.3761,
-40.1070

■ 255.0000, 0.0000,
0.0000

■ 114.2860, 53.1030,
-45.8548

■ 192.8370, 30.6464,
-29.6750

■ 79.3760, 56.5096,
-65.2278

■ 218.2430, 18.1212,
-25.6461

■ 61.1880, 51.6723,
-53.6619

■ 244.2360, 5.3067,
-22.1320

■ 45.7830, 45.9560,
-40.1517

■ 253.5050, 0.7370,
-3.0739

■ 31.0790, 40.3871,
-27.2563

■ 12.9670, 36.9913,
-11.3721

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 142.7320, 53.3761,
-40.1070

■ 142.7320, 53.3761,
-40.1070

■ 125.2780, 61.9809,
-46.7248

■ 160.1860, 44.7713,
-33.4891

■ 107.2370, 70.8752,
-52.8278

■ 178.2270, 35.8771,
-27.3861

■ 89.7830, 79.4800,
-59.4457

■ 195.6810, 27.2723,
-20.7682

■ 74.4000, 87.0638,
-65.2488

■ 213.1350, 18.6674,
-14.1504

■ 230.5890, 10.0626,
-7.5326

■ 248.9290, 1.0210,
-0.8147

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



123.7080, 62.7550, -108.4919



142.7320, 53.3761, -40.1070



152.4650, 35.2668, 28.5332

Triad

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



142.7320, 53.3761, -40.1070



145.1240, -34.5711, 75.3133



114.5300, 2.2037, -100.4428

Complementary

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



142.7320, 53.3761, -40.1070



205.2680, -53.3761, 40.1070

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.



131.9190, -31.0191, -37.6400



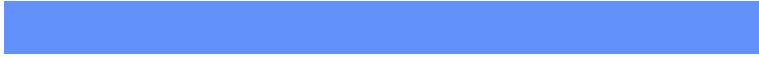
142.7320, 53.3761, -40.1070



143.3660, -51.9454, 47.9140

Square

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



142.7320, 53.3761, -40.1070



145.5040, -10.6015, 87.2580



139.0100, -52.2629, 9.6382



122.0880, 26.0856, -107.0712

Rectangle

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



142.7320, 53.3761, -40.1070



151.2920, 21.0550, 60.2569



139.0100, -52.2629, 9.6382



112.0050, -4.9325, -98.2284

Sweetspot

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



142.7320, 53.3761, -40.1070



222.4620, 16.0412, -11.8062



199.3680, 1.2976, -89.7767



107.5890, 10.0626, -7.5326



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.



142.7320, 53.3761, -40.1070



122.1790, 65.4808, -49.2690



122.9280, 63.1395, 1.8171



115.8300, 4.5208, -3.3589



56.1790, 65.4808, -49.2690



18.1070, 21.1462, -15.8798

Inverse Universe

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



148.5180, -1.7344, 89.8767



129.2370, -2.0888, 110.2942



225.0720, -63.1395, -1.8171



116.3430, -0.1691, 7.5922



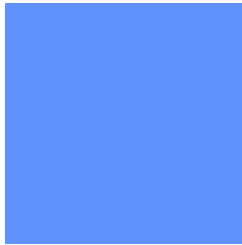
63.2370, -2.0888, 110.2942



20.4050, -0.6927, 35.6018

Previews

White Background



This preview shows how the YUV color 142.7320, 53.3761, -40.1070 looks on a white background.

Color Contrast Check

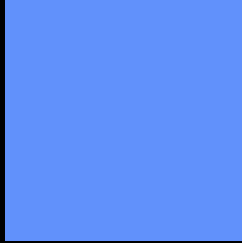
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.7320, 53.3761, -40.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

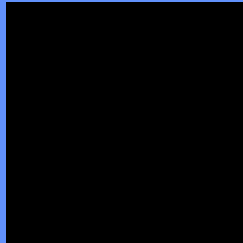
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

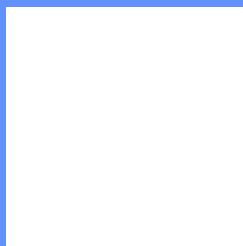
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.7320, 53.3761, -40.1070

Background



This preview shows how black text looks on a background with the YUV color 142.7320, 53.3761, -40.1070.



This preview shows how white text looks on a background with the YUV color 142.7320, 53.3761, -40.1070.

-40.1070.

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

142.7320, 53.3761, -40.1070

Protanopia

143.5260, 52.4917, -36.4183

Deuteranopia

138.0890, 55.1721, -56.2061



Tritanopia

132.9840, 20.7139, -64.0070

Trichromacy



Original Color

142.7320, 53.3761, -40.1070

Protanomaly

142.9280, 52.7865, -37.6479

Deuteranomaly

139.8940, 54.2823, -50.7730

Tritanomaly

136.5410, 32.7643, -55.7255

Monochromacy



Original Color

142.7320, 53.3761, -40.1070

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.9500, 19.2517, -14.8651

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.7320, 53.3761, -40.1070 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(97, 145, 251)` looks like.

```
.text, #text, p{  
    color:rgb(97, 145, 251)  
}
```

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(97, 145, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 145, 251) }
```

Border

The CSS property to change the border of an element to YUV 142.7320, 53.3761, -40.1070 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(97, 145, 251) }
```


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

```
.border{ border-color:rgb(97, 145, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 145, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 145, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 145, 251);  
box-shadow:4px 4px 4px 4px rgb(97, 145,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 142.7320, 53.3761, -40.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 145, 251) }
```

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

```
.background{ background-color: rgb(97, 145,  
251) }
```

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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