

Converting Colors

YUV(163.6690, 42.0682,
-53.2067)

Have a look what the booklet for
YUV(163.6690, 42.0682, -53.2067)
contains.

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Color

**YUV(163.6690, 42.0682,
-53.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	67B2F9
RGB	103, 178, 249
RGB Percent	40%, 70%, 98%
CMY	0.5961, 0.3020, 0.0235
CMYK	0.59, 0.29, 0.00, 0.02
HSL	209°, 92%, 69%
HSV	209°, 59%, 98%
XYZ	38.6128, 41.5639, 95.6101
YIQ	163.6690, -67.4910, 6.1810

Conversions

Conversions Part 2

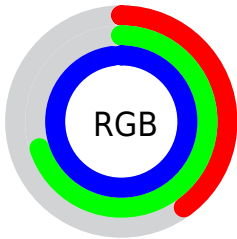
Format	Color
R _Y B	103, 153, 249
Decimal	6796025
CIE Lab	70.57, -2.83, -42.26
CIE LCh	71, 42.356, 266.167
Yxy	41.5639, 0.2197, 0.2364
Android (android.graphics.Color)	4284986105 (0xFF67B2F9)
YUV	163.6690, 42.0682, -53.2067
Hunter-Lab	64.4701, -5.9144, -42.7989

Details

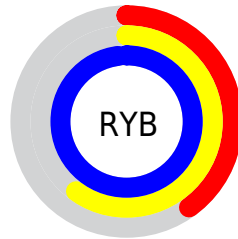
The YUV color **163.6690, 42.0682, -53.2067** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **188.3310, -42.0682, 53.2067**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8770, 19.7806, -44.6191**, and **104.2220, 43.2746, -66.8467** is the 20% darker color. If you saturate the color by 10%, you get **149.1500, 49.2260, -62.3986**, and if you desaturate by 10%, it is **178.1880, 34.9103, -44.0149**.

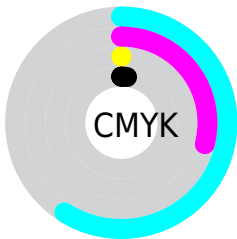
Distribution



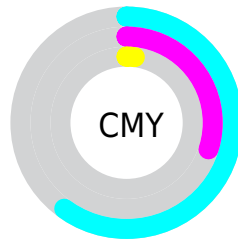
- Red (40%)
- Green (70%)
- Blue (98%)



- Red (40%)
- Yellow (60%)
- Blue (98%)



- Cyan (59%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)



- Cyan (60%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6690, 42.0682, -53.2067 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 163.6690, 42.0682, -53.2067 by changing the saturation by 10% instead.

■ 163.6690, 42.0682,
-53.2067

■ 163.6690, 42.0682,
-53.2067

255.0000, 0.0000,
0.0000

■ 134.6470, 42.0790,
-56.6954

■ 214.8770, 19.7806,
-44.6191

■ 104.2220, 43.2746,
-66.8467

■ 236.7610, 8.9918,
-37.5014

■ 78.0970, 42.8432,
-68.4911

■ 245.7310, 4.5696,
-19.0581

■ 60.9310, 37.9950,
-53.4365

254.7010, 0.1474,
-0.6148

■ 45.0530, 33.0049,
-39.5115

■ 29.8760, 28.1621,
-26.2013

■ 13.7530, 24.7718,

-12.0614

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 163.6690, 42.0682,
-53.2067

■ 163.6690, 42.0682,
-53.2067

■ 149.1500, 49.2260,
-62.3986

■ 178.1880, 34.9103,
-44.0149

■ 134.6310, 56.3839,
-71.5904

■ 192.7070, 27.7524,
-34.8230

■ 120.1120, 63.5418,
-80.7822

■ 207.2260, 20.5946,
-25.6312

■ 105.5930, 70.6997,
-89.9741

■ 221.7450, 13.4367,
-16.4394

■ 103.5220, 71.7207,
-90.7888

■ 236.8510, 5.9895,
-7.7623

■ 251.0710, -1.0210,
0.8147

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



137.2600, 48.6788, -120.3770



163.6690, 42.0682, -53.2067



174.3870, 33.3332, -4.7244

Triad

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



163.6690, 42.0682, -53.2067



174.1560, -16.3459, 63.0072



160.5180, -16.0314, -38.1653

Complementary

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



163.6690, 42.0682, -53.2067



188.3310, -42.0682, 53.2067

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.



166.6120, -31.8537, -3.1677



163.6690, 42.0682, -53.2067



172.5940, -30.8588, 51.2221

Square

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



163.6690, 42.0682, -53.2067



176.1180, 1.4208, 57.7785



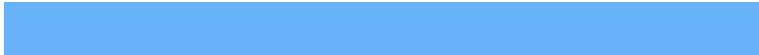
170.4310, -37.1875, 27.6860



149.2580, 8.2538, -80.9103

Rectangle

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



163.6690, 42.0682, -53.2067



177.4460, 23.9371, 22.4109



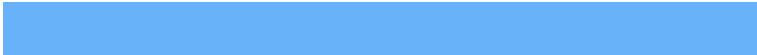
170.4310, -37.1875, 27.6860



162.4010, -21.8897, -25.7847

Sweetspot

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



163.6690, 42.0682, -53.2067



228.3320, 13.1473, -16.9542



196.7960, -11.2384, -82.2591



111.1110, 8.3263, -10.6213



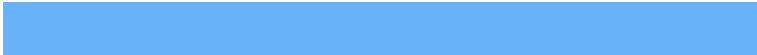
0.0000, 0.0000, 0.0000



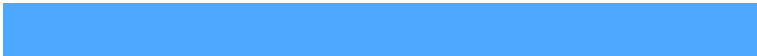
128.0000, 0.0000, 0.0000

Same Dimension

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



163.6690, 42.0682, -53.2067



150.7090, 51.4155, -64.6428



120.8180, 63.1937, -15.6264



117.5910, 3.6526, -4.9033



78.4850, 54.4839, -68.8313



25.1510, 17.6736, -22.0574

Inverse Universe

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



155.2040, 11.2384, 82.2591



140.5960, 13.5102, 100.3323



231.1820, -63.1937, 15.6264



116.6850, 1.1413, 7.2923



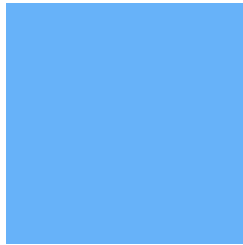
67.5690, 14.5095, 106.4950



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 163.6690, 42.0682, -53.2067 looks on a white background.

Color Contrast Check

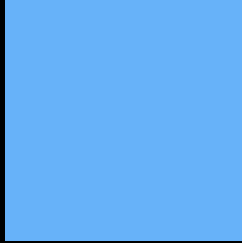
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 163.6690, 42.0682, -53.2067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

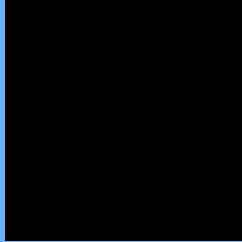
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

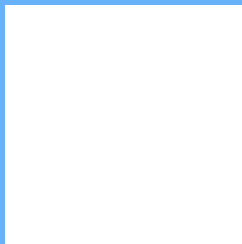
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.6690, 42.0682, -53.2067

Background



This preview shows how black text looks on a background with the YUV color 163.6690, 42.0682, -53.2067.

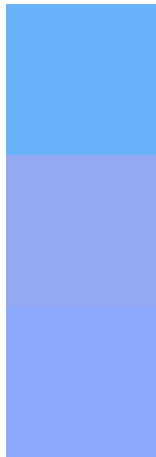


This preview shows how white text looks on a background with the YUV color 163.6690, 42.0682, -53.2067.

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

163.6690, 42.0682, -53.2067

Protanopia

171.3420, 34.8344, -19.5939

Deuteranopia

169.9650, 39.9503, -27.1563



Tritanopia

157.6140, 21.8823, -65.4365

Trichromacy



Original Color

163.6690, 42.0682, -53.2067

Protanomaly

168.3620, 37.7825, -31.8895

Deuteranomaly

167.7250, 40.5616, -36.5928

Tritanomaly

159.8840, 29.1442, -61.2883

Monochromacy



Original Color

163.6690, 42.0682, -53.2067

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8910, 15.3367, -19.1984

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6690, 42.0682, -53.2067 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(103, 178, 249)` looks like.

```
.text, #text, p{  
    color:rgb(103, 178, 249)  
}
```

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(103, 178, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 178, 249) }
```

Border

The CSS property to change the border of an element to YUV 163.6690, 42.0682, -53.2067 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(103, 178, 249) }
```


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

```
.border{ border-color:rgb(103, 178, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 178, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 178, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 178, 249); box-shadow:4px 4px 4px 4px rgb(103, 178, 249) }
```

Background

The CSS property to change the background color of an element to YUV 163.6690, 42.0682, -53.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 178, 249) }
```

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

```
.background{ background-color: rgb(103,  
178, 249) }
```

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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