

Converting Colors

YUV(158.8660, 39.9991,
-42.8555)

Have a look what the booklet for
YUV(158.8660, 39.9991, -42.8555)
contains.

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Color

**YUV(158.8660, 39.9991,
-42.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA8F0
RGB	110, 168, 240
RGB Percent	43%, 66%, 94%
CMY	0.5686, 0.3412, 0.0588
CMYK	0.54, 0.30, 0.00, 0.06
HSL	213°, 81%, 69%
HSV	213°, 54%, 94%
XYZ	36.1612, 37.6115, 87.7919
YIQ	158.8660, -57.6800, 10.0960

Conversions

Conversions Part 2

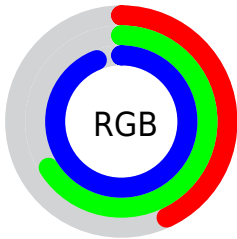
Format	Color
R_{YB}	110, 150, 240
Decimal	7252208
CIE Lab	67.73, 1.38, -41.78
CIE LCh	68, 41.804, 271.896
Yxy	37.6115, 0.2238, 0.2328
Android (android.graphics.Color)	4285442288 (0xFF6EA8F0)
YUV	158.8660, 39.9991, -42.8555
Hunter-Lab	61.3282, -2.0748, -41.9444

Details

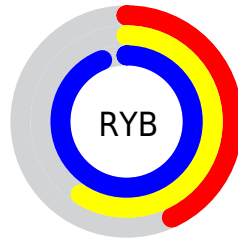
The YUV color **158.8660, 39.9991, -42.8555** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **191.1340, -39.9991, 42.8555**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5020, 21.9375, -36.3973**, and **102.8220, 40.0208, -49.8329** is the 20% darker color. If you saturate the color by 10%, you get **144.0590, 47.2989, -50.9177**, and if you desaturate by 10%, it is **173.6730, 32.6992, -34.7932**.

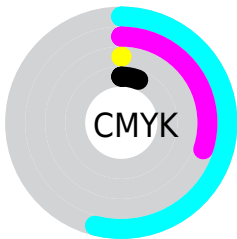
Distribution



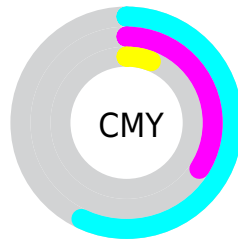
- Red (43%)
- Green (66%)
- Blue (94%)



- Red (43%)
- Yellow (59%)
- Blue (94%)



- Cyan (54%)
- Magenta (30%)
- Yellow (0%)
- Black (6%)



- Cyan (57%)
- Magenta (34%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8660, 39.9991, -42.8555 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 158.8660, 39.9991, -42.8555 by changing the saturation by 10% instead.

■ 158.8660, 39.9991,
-42.8555

■ 158.8660, 39.9991,
-42.8555

255.0000, 0.0000,
0.0000

■ 131.3280, 39.2783,
-45.0147

■ 210.5020, 21.9375,
-36.3973

■ 102.8220, 40.0208,
-49.8329

■ 235.6090, 9.5598,
-32.9831

■ 71.7880, 41.5165,
-62.9581

■ 246.9270, 3.9800,
-16.5990

■ 55.3230, 36.8158,
-48.5183

■ 39.5590, 32.2624,
-34.6932

■ 24.9690, 27.1303,
-21.8978

■ 9.4330, 23.4505,

-8.2727

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 158.8660, 39.9991,
-42.8555

■ 158.8660, 39.9991,
-42.8555

■ 144.0590, 47.2989,
-50.9177

■ 173.6730, 32.6992,
-34.7932

■ 128.6650, 54.8882,
-58.4652

■ 189.0670, 25.1100,
-27.2458

■ 113.8580, 62.1880,
-66.5275

■ 203.8740, 17.8101,
-19.1835

■ 99.0510, 69.4879,
-74.5897

■ 218.6810, 10.5103,
-11.1212

■ 90.1690, 73.8667,
-79.0782

■ 233.4880, 3.2104,
-3.0590

■ 248.8820, -4.3788,
4.4885

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



130.8200, 49.3887, -114.7291



158.8660, 39.9991, -42.8555



167.9320, 30.1065, 3.5676

Triad

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



158.8660, 39.9991, -42.8555



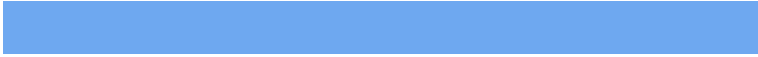
166.3360, -19.3926, 60.2183



151.3260, -11.4997, -45.0129

Complementary

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



158.8660, 39.9991, -42.8555



191.1340, -39.9991, 42.8555

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.



157.9640, -29.0693, -9.6154



158.8660, 39.9991, -42.8555



164.2190, -32.1530, 46.2889

Square

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



158.8660, 39.9991, -42.8555



168.2060, -2.0736, 58.5783



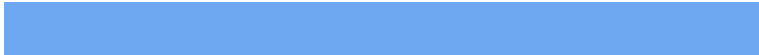
161.9140, -36.4396, 21.1234



136.4890, 14.5489, -93.3909

Rectangle

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



158.8660, 39.9991, -42.8555



169.6810, 20.8633, 28.3438



161.9140, -36.4396, 21.1234



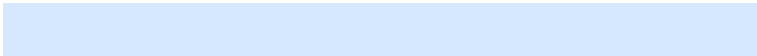
153.9810, -18.2316, -32.4323

Sweetspot

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



158.8660, 39.9991, -42.8555



229.2400, 12.6997, -13.3655



194.4040, -6.6082, -74.0223



112.3070, 7.7366, -8.1622



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.



158.8660, 39.9991, -42.8555



151.3620, 51.0935, -54.6915



126.9130, 55.7519, -8.6937



112.3030, 3.7946, -3.7737



69.1100, 56.6408, -60.6095



21.0590, 17.2259, -18.4687

Inverse Universe

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



155.4820, 6.1714, 74.1223



147.0700, 7.8535, 94.6546



223.3860, -55.8993, 9.3085



112.1580, 0.4151, 6.8774



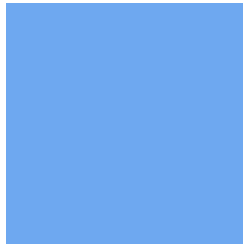
64.3640, 8.6945, 104.9208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 158.8660, 39.9991, -42.8555 looks on a white background.

Color Contrast Check

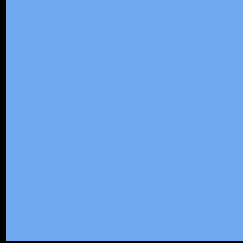
Large Text (above 18pt) WCAG AA × Fail

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 158.8660, 39.9991, -42.8555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

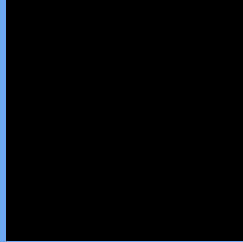
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

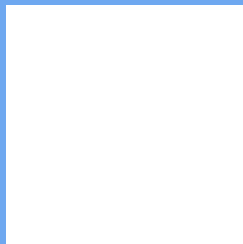
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 158.8660, 39.9991, -42.8555

Background



This preview shows how black text looks on a background with the YUV color 158.8660, 39.9991, -42.8555.



This preview shows how white text looks on a background with the YUV color 158.8660, 39.9991, -42.8555.

-42.8555.

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

158.8660, 39.9991, -42.8555

Protanopia

164.0430, 34.9818, -20.2087

Deuteranopia

162.6230, 38.6399, -26.8564



Tritanopia

153.2950, 19.0816, -53.7557

Trichromacy



Original Color

158.8660, 39.9991, -42.8555

Protanomaly

162.1560, 36.8981, -28.2008

Deuteranomaly

161.4050, 39.2403, -32.8042

Tritanomaly

155.5650, 26.3435, -49.6075

Monochromacy



Original Color

158.8660, 39.9991, -42.8555

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.6850, 14.4523, -15.5097

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8660, 39.9991, -42.8555 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(110, 168, 240)` looks like.

```
.text, #text, p{  
    color:rgb(110, 168, 240)  
}
```

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(110, 168, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 168, 240) }
```

Border

The CSS property to change the border of an element to YUV 158.8660, 39.9991, -42.8555 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

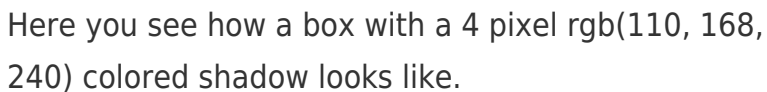
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 168, 240) }
```


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

```
.border{ border-color:rgb(110, 168, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 168, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 168, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 168, 240); box-shadow:4px 4px 4px 4px rgb(110, 168, 240) }
```

Background

The CSS property to change the background color of an element to YUV 158.8660, 39.9991, -42.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 168, 240) }
```

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

```
.background{ background-color: rgb(110,  
168, 240) }
```

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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