

Converting Colors

YUV(159.6530, 39.6111,
-58.4547)

Have a look what the booklet for
YUV(159.6530, 39.6111, -58.4547)
contains.

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Color

**YUV(159.6530, 39.6111,
-58.4547)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB2F0
RGB	93, 178, 240
RGB Percent	36%, 70%, 94%
CMY	0.6353, 0.3020, 0.0588
CMYK	0.61, 0.26, 0.00, 0.06
HSL	205°, 83%, 65%
HSV	205°, 61%, 94%
XYZ	36.1628, 40.4592, 88.3415
YIQ	159.6530, -70.5620, 1.2620

Conversions

Conversions Part 2

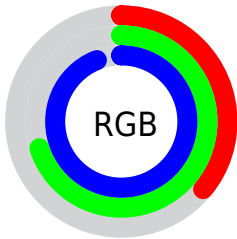
Format	Color
R _Y B	93, 147, 240
Decimal	6140656
CIE Lab	69.80, -7.50, -38.61
CIE LCh	70, 39.335, 259.009
Yxy	40.4592, 0.2192, 0.2453
Android (android.graphics.Color)	4284330736 (0xFF5DB2F0)
YUV	159.6530, 39.6111, -58.4547
Hunter-Lab	63.6076, -9.8307, -37.8198

Details

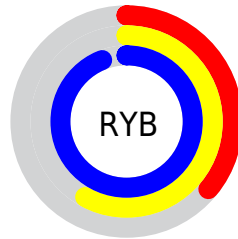
The YUV color **159.6530, 39.6111, -58.4547** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **173.3470, -39.6111, 58.4547**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4740, 20.9653, -51.2817**, and **94.9380, 43.9076, -83.2606** is the 20% darker color. If you saturate the color by 10%, you get **146.6070, 46.0427, -68.0613**, and if you desaturate by 10%, it is **172.6990, 33.1794, -48.8480**.

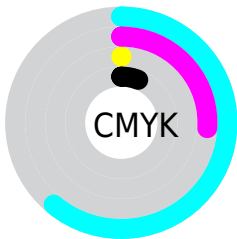
Distribution



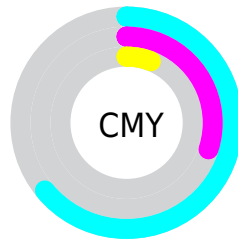
- Red (36%)
- Green (70%)
- Blue (94%)



- Red (36%)
- Yellow (58%)
- Blue (94%)



- Cyan (61%)
- Magenta (26%)
- Yellow (0%)
- Black (6%)



- Cyan (64%)
- Magenta (30%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.6530, 39.6111, -58.4547 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 159.6530, 39.6111, -58.4547 by changing the saturation by 10% instead.

■ 159.6530, 39.6111,
-58.4547

■ 159.6530, 39.6111,
-58.4547

255.0000, 0.0000,
0.0000

■ 130.4460, 40.2061,
-62.6581

■ 212.4740, 20.9653,
-51.2817

■ 94.9380, 43.9076,
-83.2606

■ 233.7710, 10.4659,
-43.6492

■ 77.1850, 39.3488,
-67.6912

■ 242.7410, 6.0437,
-25.2059

■ 60.0190, 34.5006,
-52.6367

■ 252.0100, 1.4741,
-6.1478

■ 43.6680, 30.2367,
-38.2968

■ 29.0780, 25.1045,
-25.5014

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 159.6530, 39.6111,
-58.4547

■ 159.6530, 39.6111,
-58.4547

■ 146.6070, 46.0427,
-68.0613

■ 172.6990, 33.1794,
-48.8480

■ 133.5610, 52.4744,
-77.6680

■ 185.7450, 26.7477,
-39.2414

■ 120.5150, 58.9061,
-87.2747

■ 198.7910, 20.3160,
-29.6347

■ 108.9530, 64.6062,
-95.5518

■ 211.8370, 13.8844,
-20.0280

■ 225.4700, 7.1633,
-10.9362

■ 238.5160, 0.7316,
-1.3295

■ 249.7680, -4.8156,
4.5885

■ 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.



135.5010, 43.1370, -116.2034



159.6530, 39.6111, -58.4547



170.9190, 33.0709, -13.9610

Triad

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



159.6530, 39.6111, -58.4547



172.6870, -11.6777, 59.0335



160.7860, -19.1215, -26.9993

Complementary

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



159.6530, 39.6111, -58.4547



173.3470, -39.6111, 58.4547

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.



165.4820, -31.2966, 4.8393



159.6530, 39.6111, -58.4547



171.4460, -26.3489, 51.3519

Square

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



159.6530, 39.6111, -58.4547



174.6870, 5.0843, 49.3865



168.9630, -33.9988, 31.6044



153.2450, 1.3582, -62.4819

Rectangle

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



159.6530, 39.6111, -58.4547



174.1350, 25.5694, 12.1596



168.9630, -33.9988, 31.6044



162.8860, -24.1008, -16.5630

Sweetspot

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



159.6530, 39.6111, -58.4547



230.0930, 12.2792, -18.4986



186.2430, -15.8958, -81.7741



112.2850, 7.7475, -11.6509



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.



159.6530, 39.6111, -58.4547



151.5290, 51.0112, -75.0089



116.8020, 60.7366, -20.8744



113.4770, 3.2158, -4.8033



83.1980, 49.6954, -72.9646



25.1680, 15.2002, -22.0723

Inverse Universe

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



146.6430, 15.4590, 81.8741



134.9370, 19.7511, 105.2953



216.1980, -60.7366, 20.8744



112.3860, 1.2887, 6.6775



67.1000, 19.1777, 102.5213



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 159.6530, 39.6111, -58.4547 looks on a white background.

Color Contrast Check

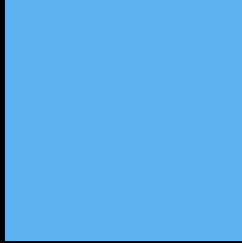
Large Text (above 18pt) WCAG AA × Fail

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 159.6530, 39.6111, -58.4547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

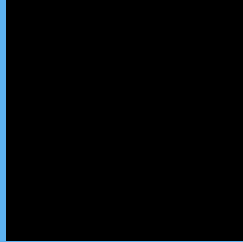
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

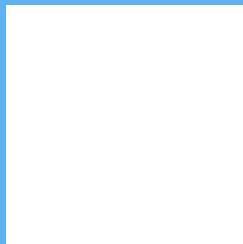
Any Text WCAG AAA ✓ Pass

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

YUV 159.6530, 39.6111, -58.4547 Background



This preview shows how black text looks on a background with the YUV color 159.6530, 39.6111, -58.4547.

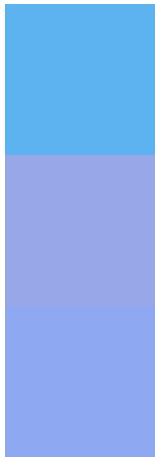


This preview shows how white text looks on a background with the YUV color 159.6530, 39.6111, -58.4547.

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

159.6530, 39.6111, -58.4547

Protanopia

169.6260, 30.7504, -16.3350

Deuteranopia

168.6620, 36.1556, -23.3826



Tritanopia

153.8200, 22.7667, -69.1251

Trichromacy



Original Color

159.6530, 39.6111, -58.4547

Protanomaly

166.0370, 33.9988, -31.6044

Deuteranomaly

165.5140, 37.2146, -36.4078

Tritanomaly

155.8620, 29.1550, -64.7770

Monochromacy



Original Color

159.6530, 39.6111, -58.4547

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.2390, 14.1792, -21.2576

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6530, 39.6111, -58.4547 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(93, 178, 240)` looks like.

```
.text, #text, p{  
    color:rgb(93, 178, 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(93, 178, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 178, 240) }
```

Border

The CSS property to change the border of an element to YUV 159.6530, 39.6111, -58.4547 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(93, 178, 240) }
```


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

```
.border{ border-color:rgb(93, 178, 240) }
```

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

Here you see how a box with a 4 pixel rgb(93, 178, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 178, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 178, 240);  
box-shadow:4px 4px 4px 4px rgb(93, 178,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 159.6530, 39.6111, -58.4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 178, 240) }
```

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

```
.background{ background-color: rgb(93, 178,  
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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