

Converting Colors

YUV(147.0640, 29.5484,
-50.9221)

Have a look what the booklet for
YUV(147.0640, 29.5484, -50.9221)
contains.

YUV(147.0640, 29.5484, -50.9221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.0640, 29.5484,
-50.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	59A5CF
RGB	89, 165, 207
RGB Percent	35%, 65%, 81%
CMY	0.6510, 0.3529, 0.1882
CMYK	0.57, 0.20, 0.00, 0.19
HSL	201°, 55%, 58%
HSV	201°, 57%, 81%
XYZ	28.8374, 33.5391, 63.9853
YIQ	147.0640, -58.7780, -3.0500

Conversions

Conversions Part 2

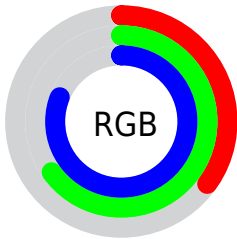
Format	Color
R _Y B	89, 135, 207
Decimal	5875151
CIE Lab	64.60, -11.42, -28.56
CIE LCh	65, 30.761, 248.216
Yxy	33.5391, 0.2282, 0.2654
Android (android.graphics.Color)	4284065231 (0xFF59A5CF)
YUV	147.0640, 29.5484, -50.9221
Hunter-Lab	57.9130, -12.4646, -24.9676

Details

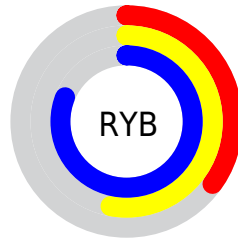
The YUV color **147.0640, 29.5484, -50.9221** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **148.9360, -29.5484, 50.9221**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1630, 26.0486, -48.3780**, and **88.5570, 31.7704, -63.6325** is the 20% darker color. If you saturate the color by 10%, you get **136.6760, 34.6697, -60.2289**, and if you desaturate by 10%, it is **157.4520, 24.4272, -41.6154**.

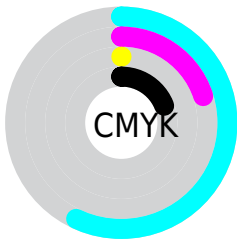
Distribution



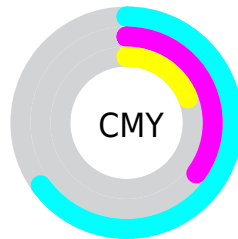
- Red (35%)
- Green (65%)
- Blue (81%)



- Red (35%)
- Yellow (53%)
- Blue (81%)



- Cyan (57%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0640, 29.5484, -50.9221 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 147.0640, 29.5484, -50.9221 by changing the saturation by 10% instead.

■ 147.0640, 29.5484,
-50.9221

■ 147.0640, 29.5484,
-50.9221

■ 255.0000, 0.0000,
0.0000

■ 119.3410, 29.4119,
-53.7961

■ 202.1630, 26.0486,
-48.3780

■ 88.5570, 31.7704,
-63.6325

■ 227.8570, 13.3815,
-45.4786

■ 66.6070, 29.2807,
-58.4143

■ 240.0500, 7.3704,
-30.7388

■ 49.6690, 25.3062,
-43.5597

■ 249.0200, 2.9481,
-12.2955

■ 34.0190, 21.1896,
-29.8347

■ 20.2440, 16.6417,
-17.7540

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 147.0640, 29.5484,
-50.9221

■ 147.0640, 29.5484,
-50.9221

■ 136.6760, 34.6697,
-60.2289

■ 157.4520, 24.4272,
-41.6154

■ 126.0000, 39.9330,
-68.4060

■ 168.1280, 19.1639,
-33.4383

■ 115.6120, 45.0543,
-77.7127

■ 178.5160, 14.0426,
-24.1315

■ 105.2240, 50.1756,
-87.0194

■ 188.9040, 8.9213,
-14.8248

■ 101.6690, 51.9282,
-89.1637

■ 199.8790, 3.5107,
-6.0329

■ 209.9680, -1.4632,
2.6591

■ 220.9430, -6.8739,
11.4510

■ 231.3310,
-11.9952, 20.7577

■ 235.4400,
-14.0209, 17.1541

Harmonies

Analogous

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



139.9880, 24.6559, -68.3955



147.0640, 29.5484, -50.9221



155.3820, 27.4197, -21.3830

Triad

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



147.0640, 29.5484, -50.9221



160.0210, -4.9404, 44.7086



150.9990, -18.7335, -11.4001

Complementary

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



147.0640, 29.5484, -50.9221



148.9360, -29.5484, 50.9221

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.



154.0190, -25.6454, 12.2613



147.0640, 29.5484, -50.9221



158.5080, -17.0124, 43.4045

Square

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



147.0640, 29.5484, -50.9221



161.0870, 8.3381, 32.3727



156.6670, -24.9788, 31.8640



146.5750, -5.7065, -36.4613

Rectangle

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



147.0640, 29.5484, -50.9221



158.6620, 22.8446, -0.5806



156.6670, -24.9788, 31.8640



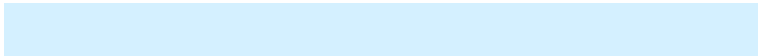
152.2450, -21.8128, -3.7229

Sweetspot

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



147.0640, 29.5484, -50.9221



233.3380, 10.6794, -18.7134



162.9400, -16.2394, -64.8454



114.3560, 6.7265, -10.8362



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.



147.0640, 29.5484, -50.9221



166.8790, 43.4437, -74.4389



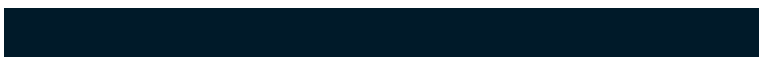
113.0180, 46.3331, -21.0638



99.3630, 2.7790, -4.7034



82.5480, 42.1278, -72.3946



19.9360, 10.3846, -17.4839

Inverse Universe

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



132.9460, 15.8026, 64.9454



146.3810, 22.9832, 95.2589



182.9820, -46.3331, 21.0638



98.0870, 1.4361, 6.0627



62.5440, 22.4098, 92.4849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 147.0640, 29.5484, -50.9221 looks on a white background.

Color Contrast Check

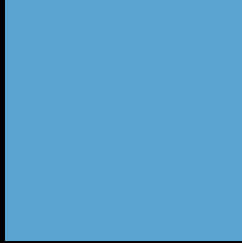
Large Text (above 18pt) WCAG AA × Fail

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 147.0640, 29.5484, -50.9221 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 147.0640, 29.5484, -50.9221 Background



This preview shows how black text looks on a background with the YUV color 147.0640, 29.5484, -50.9221.



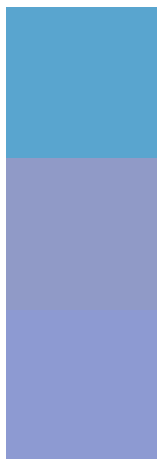
This preview shows how white text looks on a background with the YUV color 147.0640, 29.5484, -50.9221.

-50.9221.

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

147.0640, 29.5484, -50.9221

Protanopia

156.1400, 21.1300, -10.6468

Deuteranopia

156.4970, 26.3770, -13.5909



Tritanopia

143.6860, 19.3818, -56.7296

Trichromacy



Original Color

147.0640, 29.5484, -50.9221

Protanomaly

152.8500, 24.2310, -25.3014

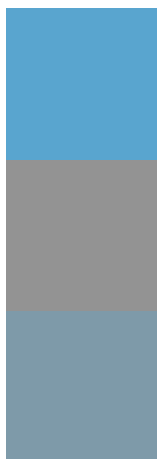
Deuteranomaly

153.0500, 27.5834, -27.2308

Tritanomaly

145.3210, 23.0127, -54.6555

Monochromacy



Original Color

147.0640, 29.5484, -50.9221

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.3380, 10.6794, -18.7134

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0640, 29.5484, -50.9221 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, 165, 207)` looks like.

```
.text, #text, p{  
    color:rgb(89, 165, 207)  
}
```

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, 165, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 165, 207) }
```

Border

The CSS property to change the border of an element to YUV 147.0640, 29.5484, -50.9221 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, 165, 207) }
```


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

```
.border{ border-color:rgb(89, 165, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 165, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 165, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 165, 207);  
box-shadow:4px 4px 4px 4px rgb(89, 165,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 147.0640, 29.5484, -50.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 165, 207) }
```

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

```
.background{ background-color: rgb(89, 165,  
207) }
```

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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