

Converting Colors

YUV(153.1550, 34.9266,
-49.2479)

Have a look what the booklet for
YUV(153.1550, 34.9266, -49.2479)
contains.

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Color

**YUV(153.1550, 34.9266,
-49.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	61A8E0
RGB	97, 168, 224
RGB Percent	38%, 66%, 88%
CMY	0.6196, 0.3412, 0.1216
CMYK	0.57, 0.25, 0.00, 0.12
HSL	206°, 67%, 63%
HSV	206°, 57%, 88%
XYZ	32.3869, 35.9285, 75.7489
YIQ	153.1550, -60.2920, 2.3640

Conversions

Conversions Part 2

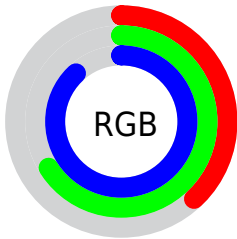
Format	Color
R _Y B	97, 143, 224
Decimal	6400224
CIE Lab	66.47, -6.22, -35.03
CIE LCh	66, 35.582, 259.930
Yxy	35.9285, 0.2248, 0.2494
Android (android.graphics.Color)	4284590304 (0xFF61A8E0)
YUV	153.1550, 34.9266, -49.2479
Hunter-Lab	59.9404, -8.4486, -32.9688

Details

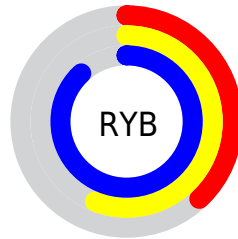
The YUV color **153.1550, 34.9266, -49.2479** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **167.8450, -34.9266, 49.2479**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6150, 23.8538, -44.3894**, and **95.4310, 36.2695, -60.0140** is the 20% darker color. If you saturate the color by 10%, you get **140.7070, 41.0634, -57.6250**, and if you desaturate by 10%, it is **165.6030, 28.7897, -40.8708**.

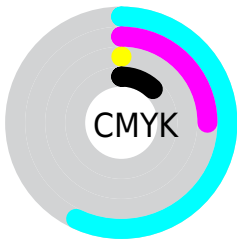
Distribution



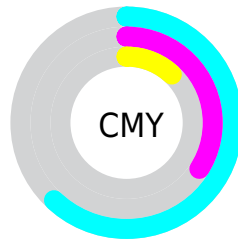
- Red (38%)
- Green (66%)
- Blue (88%)



- Red (38%)
- Yellow (56%)
- Blue (88%)



- Cyan (57%)
- Magenta (25%)
- Yellow (0%)
- Black (12%)



- Cyan (62%)
- Magenta (34%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1550, 34.9266, -49.2479 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 153.1550, 34.9266, -49.2479 by changing the saturation by 10% instead.

■ 153.1550, 34.9266,
-49.2479

■ 153.1550, 34.9266,
-49.2479

255.0000, 0.0000,
0.0000

■ 125.4320, 34.7900,
-52.1219

■ 206.6150, 23.8538,
-44.3894

■ 95.4310, 36.2695,
-60.0140

■ 232.3090, 11.1867,
-41.4900

■ 70.1920, 35.4013,
-61.5584

■ 243.0400, 5.8963,
-24.5911

■ 53.1400, 30.9900,
-46.6038

■ 251.7110, 1.6215,
-6.7625

■ 37.3760, 26.4366,
-32.7788

■ 22.9000, 21.7413,
-20.0833

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 153.1550, 34.9266,
-49.2479

■ 153.1550, 34.9266,
-49.2479

■ 140.7070, 41.0634,
-57.6250

■ 165.6030, 28.7897,
-40.8708

■ 127.9600, 47.3477,
-66.6169

■ 178.3500, 22.5055,
-31.8789

■ 115.5120, 53.4846,
-74.9940

■ 190.7980, 16.3686,
-23.5018

■ 102.7650, 59.7689,
-83.9859

■ 203.5450, 10.0843,
-14.5100

■ 98.9110, 61.6689,
-86.7449

■ 215.4060, 4.2368,
-5.6181

■ 227.8540, -1.9000,
2.7590

■ 240.6010, -8.1843,
11.7509

■ 246.7700,
-11.2256, 7.2177

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



139.5220, 34.7457, -84.6498



153.1550, 34.9266, -49.2479



162.3170, 29.4237, -10.8020

Triad

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



153.1550, 34.9266, -49.2479



164.0560, -11.3666, 52.5709



153.0790, -16.8009, -24.6253

Complementary

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



153.1550, 34.9266, -49.2479



167.8450, -34.9266, 49.2479

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.



156.9810, -28.0916, 3.5247



153.1550, 34.9266, -49.2479



162.3960, -23.8592, 46.1337

Square

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



153.1550, 34.9266, -49.2479



165.7250, 4.0796, 44.9682



160.2660, -30.2041, 27.8307



146.5880, 1.1891, -54.8897

Rectangle

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



153.1550, 34.9266, -49.2479



165.0380, 22.6593, 12.2447



160.2660, -30.2041, 27.8307



154.6950, -21.0486, -15.5185

Sweetspot

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



153.1550, 34.9266, -49.2479



230.9900, 11.8369, -16.6542



177.8190, -12.7288, -70.8783



113.1820, 7.3053, -9.8066



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.



153.1550, 34.9266, -49.2479



158.6610, 47.4951, -67.2317



116.1740, 53.1582, -16.8156



105.7760, 3.0684, -4.1886



77.5900, 48.5161, -68.0464



21.3210, 13.1527, -18.6985

Inverse Universe

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



143.0670, 12.2920, 70.9782



144.7850, 16.8680, 96.6586



204.8260, -53.1582, 16.8156



104.9730, 0.9993, 6.1627



63.7960, 16.8626, 98.4029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 153.1550, 34.9266, -49.2479 looks on a white background.

Color Contrast Check

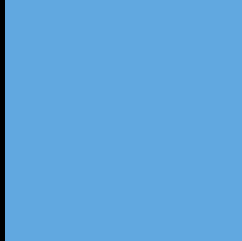
Large Text (above 18pt) WCAG AA × Fail

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 153.1550, 34.9266, -49.2479 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

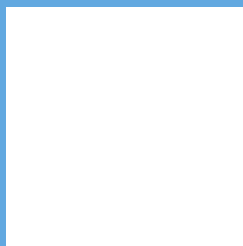
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.1550, 34.9266, -49.2479

Background



This preview shows how black text looks on a background with the YUV color 153.1550, 34.9266, -49.2479.

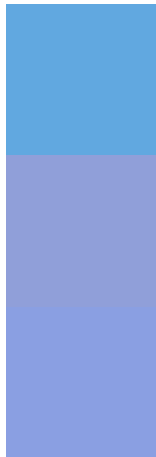


This preview shows how white text looks on a background with the YUV color 153.1550, 34.9266, -49.2479.

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

153.1550, 34.9266, -49.2479

Protanopia

161.1270, 27.5454, -15.0204

Deuteranopia

160.3590, 32.3610, -19.6088



Tritanopia

149.0880, 19.6766, -57.9592

Trichromacy



Original Color

153.1550, 34.9266, -49.2479

Protanomaly

158.1470, 30.4935, -27.3159

Deuteranomaly

157.5210, 33.2671, -30.2749

Tritanomaly

150.3040, 25.4861, -54.6406

Monochromacy



Original Color

153.1550, 34.9266, -49.2479

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9190, 12.8579, -17.4690

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1550, 34.9266, -49.2479 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, 168, 224)` looks like.

```
.text, #text, p{  
    color:rgb(97, 168, 224)  
}
```

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, 168, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 168, 224) }
```

Border

The CSS property to change the border of an element to YUV 153.1550, 34.9266, -49.2479 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, 168, 224) }
```


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

```
.border{ border-color:rgb(97, 168, 224) }
```

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

Here you see how a box with a 4 pixel rgb(97, 168, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 168, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 168, 224);  
box-shadow:4px 4px 4px 4px rgb(97, 168,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 153.1550, 34.9266, -49.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 168, 224) }
```

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

```
.background{ background-color: rgb(97, 168,  
224) }
```

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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