

Converting Colors

YUV(162.3990, 34.8063,
-57.3549)

Have a look what the booklet for
YUV(162.3990, 34.8063, -57.3549)
contains.

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Color

**YUV(162.3990, 34.8063,
-57.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	61B6E9
RGB	97, 182, 233
RGB Percent	38%, 71%, 91%
CMY	0.6196, 0.2863, 0.0863
CMYK	0.58, 0.22, 0.00, 0.09
HSL	202°, 76%, 65%
HSV	202°, 58%, 91%
XYZ	36.3657, 41.8805, 83.2579
YIQ	162.3990, -67.0310, -2.1590

Conversions

Conversions Part 2

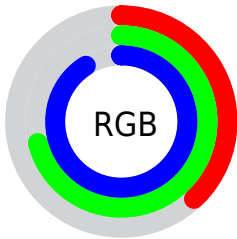
Format	Color
R _Y B	97, 149, 233
Decimal	6403817
CIE Lab	70.79, -11.10, -33.25
CIE LCh	71, 35.058, 251.535
Yxy	41.8805, 0.2252, 0.2593
Android (android.graphics.Color)	4284593897 (0xFF61B6E9)
YUV	162.3990, 34.8063, -57.3549
Hunter-Lab	64.7151, -12.9461, -30.9777

Details

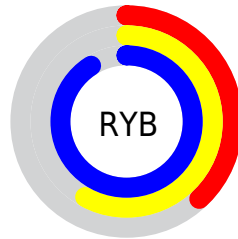
The YUV color **162.3990, 34.8063, -57.3549** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **167.6010, -34.8063, 57.3549**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7190, 19.3655, -51.4966**, and **102.1800, 36.8863, -71.1949** is the 20% darker color. If you saturate the color by 10%, you get **150.2390, 40.8012, -66.8616**, and if you desaturate by 10%, it is **174.5590, 28.8114, -47.8482**.

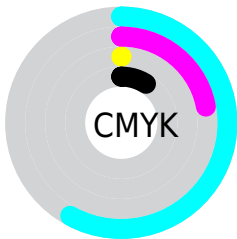
Distribution



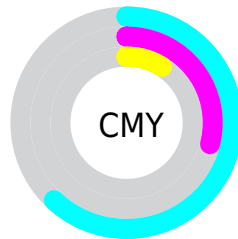
- Red (38%)
- Green (71%)
- Blue (91%)



- Red (38%)
- Yellow (58%)
- Blue (91%)



- Cyan (58%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (62%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.3990, 34.8063, -57.3549 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 162.3990, 34.8063, -57.3549 by changing the saturation by 10% instead.

■ 162.3990, 34.8063,
-57.3549

■ 162.3990, 34.8063,
-57.3549

■ 255.0000, 0.0000,
0.0000

■ 133.7900, 35.1065,
-60.3288

■ 215.7190, 19.3655,
-51.4966

■ 102.1800, 36.8863,
-71.1949

■ 234.6680, 10.0237,
-41.8048

■ 78.1480, 35.4230,
-68.5358

■ 243.6380, 5.6015,
-23.3615

■ 61.0960, 31.0117,
-53.5812

■ 252.6080, 1.1793,
-4.9182

■ 44.7450, 26.7477,
-39.2414

■ 29.6820, 22.3418,
-26.0311

■ 11.7980, 19.8196,

-10.3468

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 162.3990, 34.8063,
-57.3549

■ 162.3990, 34.8063,
-57.3549

■ 150.2390, 40.8012,
-66.8616

■ 174.5590, 28.8114,
-47.8482

■ 138.3670, 46.6541,
-77.4979

■ 186.4310, 22.9585,
-37.2120

■ 126.2070, 52.6489,
-87.0045

■ 198.5910, 16.9636,
-27.7053

■ 114.0470, 58.6438,
-96.5112

■ 210.7510, 10.9688,
-18.1986

■ 112.2640, 59.5228,
-98.4555

■ 222.9110, 4.9739,
-8.6919

■ 234.7830, -0.8790,
1.9443

■ 245.4480, -6.1369,
8.3771

■ 250.7310, -8.7414,
3.7439

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



152.0940, 30.5197, -82.5204



162.3990, 34.8063, -57.3549



172.0060, 31.0560, -21.0533

Triad

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



162.3990, 34.8063, -57.3549



176.4950, -7.1460, 52.1859



166.0970, -20.7538, -16.7481

Complementary

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



162.3990, 34.8063, -57.3549



167.6010, -34.8063, 57.3549

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.



169.9820, -29.5711, 11.4168



162.3990, 34.8063, -57.3549



174.5150, -20.9599, 49.5373

Square

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



162.3990, 34.8063, -57.3549



177.4300, 8.1690, 39.9649



172.5380, -29.3522, 34.6082



160.5630, -4.2216, -46.0978

Rectangle

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



162.3990, 34.8063, -57.3549



175.7810, 25.7440, 2.8231



172.5380, -29.3522, 34.6082



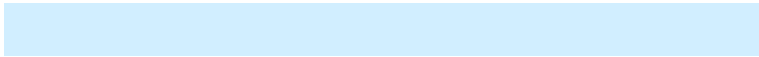
167.2400, -24.2753, -7.2265

Sweetspot

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



162.3990, 34.8063, -57.3549



231.2670, 11.7004, -19.5282



182.5320, -17.5173, -75.0116



112.8720, 7.4581, -12.1657



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.



162.3990, 34.8063, -57.3549



162.4490, 45.6276, -74.9388



123.0700, 54.1955, -22.8634



111.3630, 2.7790, -4.7034



86.9650, 46.3593, -76.2683



25.5270, 14.0372, -22.3872

Inverse Universe

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



147.3540, 17.0805, 75.1115



142.8760, 22.2461, 98.3327



206.9300, -54.1955, 22.8634



110.0870, 1.4361, 6.0627



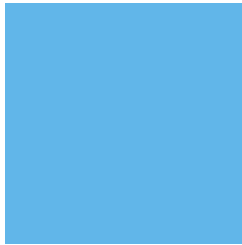
67.0010, 22.6775, 99.9771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 162.3990, 34.8063, -57.3549 looks on a white background.

Color Contrast Check

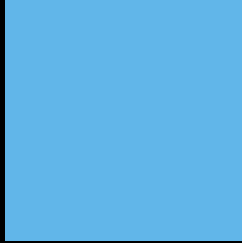
Large Text (above 18pt) WCAG AA × Fail

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 162.3990, 34.8063, -57.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

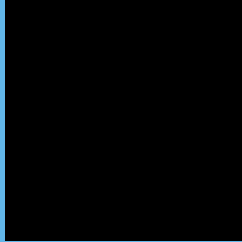
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

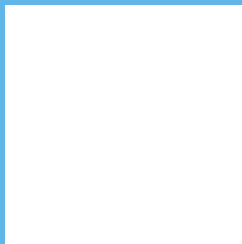
Any Text WCAG AAA ✓ Pass

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

YUV 162.3990, 34.8063, -57.3549 Background



This preview shows how black text looks on a background with the YUV color 162.3990, 34.8063, -57.3549.



This preview shows how white text looks on a background with the YUV color 162.3990, 34.8063, -57.3549.

-57.3549.

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

162.3990, 34.8063, -57.3549

Protanopia

172.5680, 25.3560, -12.7761

Deuteranopia

172.4410, 31.3346, -17.0498



Tritanopia

158.0270, 22.1717, -64.9217

Trichromacy



Original Color

162.3990, 34.8063, -57.3549

Protanomaly

168.6800, 28.7518, -28.6604

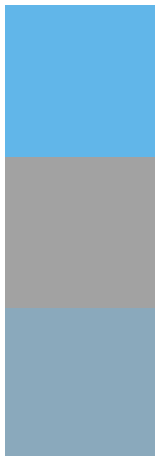
Deuteranomaly

168.6950, 32.6884, -31.3045

Tritanomaly

159.6020, 26.8182, -61.9180

Monochromacy



Original Color

162.3990, 34.8063, -57.3549

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.8970, 12.8688, -20.9577

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.3990, 34.8063, -57.3549 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, 182, 233)` looks like.

```
.text, #text, p{  
    color:rgb(97, 182, 233)  
}
```

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, 182, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 182, 233) }
```

Border

The CSS property to change the border of an element to YUV 162.3990, 34.8063, -57.3549 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, 182, 233) }
```


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

```
.border{ border-color:rgb(97, 182, 233) }
```

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

Here you see how a box with a 4 pixel rgb(97, 182, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 182, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 182, 233);  
box-shadow:4px 4px 4px 4px rgb(97, 182,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 162.3990, 34.8063, -57.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 182, 233) }
```

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

```
.background{ background-color: rgb(97, 182,  
233) }
```

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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