

Converting Colors

YUV(161.0040, 34.0150,
-36.8375)

Have a look what the booklet for
YUV(161.0040, 34.0150, -36.8375)
contains.

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Color

**YUV(161.0040, 34.0150,
-36.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	77A9E6
RGB	119, 169, 230
RGB Percent	47%, 66%, 90%
CMY	0.5333, 0.3373, 0.0980
CMYK	0.48, 0.27, 0.00, 0.10
HSL	213°, 69%, 68%
HSV	213°, 48%, 90%
XYZ	36.0786, 38.0110, 80.2982
YIQ	161.0040, -49.3810, 8.3710

Conversions

Conversions Part 2

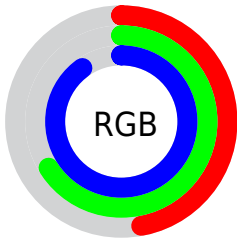
Format	Color
R_{YB}	119, 153, 230
Decimal	7842278
CIE _{Lab}	68.03, -0.17, -35.82
CIE _{LCh}	68, 35.818, 269.734
Yxy	38.0110, 0.2337, 0.2462
Android (android.graphics.Color)	4286032358 (0xFF77A9E6)
YUV	161.0040, 34.0150, -36.8375
Hunter-Lab	61.6531, -3.4369, -34.0633

Details

The YUV color **161.0040, 34.0150, -36.8375** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **187.9960, -34.0150, 36.8375**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1820, 20.6163, -32.6086**, and **106.7540, 33.1523, -40.1263** is the 20% darker color. If you saturate the color by 10%, you get **146.4960, 41.1675, -44.2850**, and if you desaturate by 10%, it is **175.5120, 26.8626, -29.3900**.

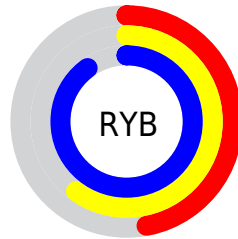
Distribution



Red (47%)

Green (66%)

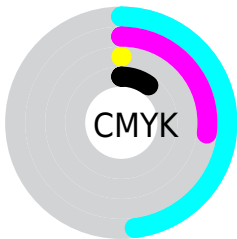
Blue (90%)



Red (47%)

Yellow (60%)

Blue (90%)

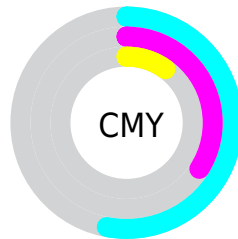


Cyan (48%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (53%)

Magenta (34%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.0040, 34.0150, -36.8375 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 161.0040, 34.0150, -36.8375 by changing the saturation by 10% instead.

■ 161.0040, 34.0150,
-36.8375

■ 161.0040, 34.0150,
-36.8375

255.0000, 0.0000,
0.0000

■ 133.8790, 33.5837,
-38.4819

■ 213.1820, 20.6163,
-32.6086

■ 106.7540, 33.1523,
-40.1263

■ 238.8760, 7.9491,
-29.7093

■ 78.8240, 33.6108,
-47.2036

■ 248.7210, 3.0955,
-12.9103

■ 54.2970, 32.8846,
-47.6185

■ 38.5330, 28.3312,
-33.7934

■ 24.0570, 23.6359,
-21.0980

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 161.0040, 34.0150,
-36.8375

■ 161.0040, 34.0150,
-36.8375

■ 146.4960, 41.1675,
-44.2850

■ 175.5120, 26.8626,
-29.3900

■ 132.5750, 48.0305,
-52.2473

■ 189.4330, 19.9995,
-21.4277

■ 118.0670, 55.1830,
-59.6948

■ 203.9410, 12.8471,
-13.9803

■ 103.5590, 62.3354,
-67.1422

■ 218.4490, 5.6946,
-6.5328

■ 89.6380, 69.1985,
-75.1045

■ 232.3700, -1.1684,
1.4295

■ 87.2680, 70.3669,
-76.5340

■ 246.2800, -8.0260,
7.6474

■ 252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



148.8160, 35.5867, -74.3836



161.0040, 34.0150, -36.8375



168.5850, 26.3336, 0.3640

Triad

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



161.0040, 34.0150, -36.8375



167.5030, -16.0240, 53.0559



155.0930, -11.3848, -35.1616

Complementary

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



161.0040, 34.0150, -36.8375



187.9960, -34.0150, 36.8375

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.



160.0230, -25.1543, -5.2822



161.0040, 34.0150, -36.8375



166.4510, -27.3373, 41.7005

Square

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



161.0040, 34.0150, -36.8375



169.3790, -1.1728, 49.6566



163.9940, -31.0560, 21.0533



147.9440, 7.9156, -65.7259

Rectangle

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



161.0040, 34.0150, -36.8375



170.3660, 18.5536, 22.4810



163.9940, -31.0560, 21.0533



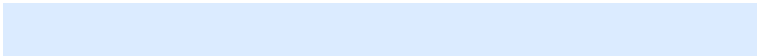
157.0790, -16.8009, -24.6253

Sweetspot

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



161.0040, 34.0150, -36.8375



232.4960, 11.0945, -11.8360



190.8830, -6.3513, -63.0414



114.3780, 6.7156, -7.3475



0.0000, 0.0000, 0.0000



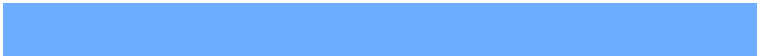
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



161.0040, 34.0150, -36.8375



163.2010, 45.2569, -49.2883



132.8500, 47.8950, -8.6384



107.3030, 3.7946, -3.7737



67.3660, 55.0356, -59.0800



19.3150, 15.6207, -16.9393

Inverse Universe

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



157.8890, 5.4777, 63.2413



158.8900, 7.4492, 84.2885



216.1500, -47.8950, 8.6384



107.1580, 0.4151, 6.8774



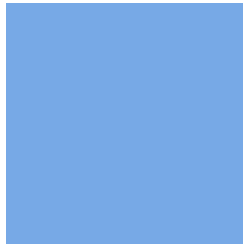
62.6410, 8.5580, 102.0468



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 161.0040, 34.0150, -36.8375 looks on a white background.

Color Contrast Check

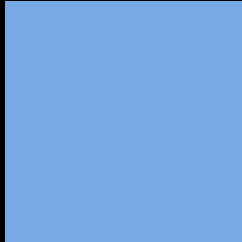
Large Text (above 18pt) WCAG AA × Fail

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 161.0040, 34.0150, -36.8375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

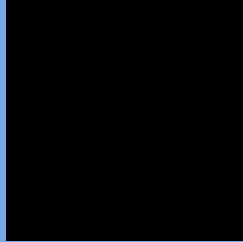
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

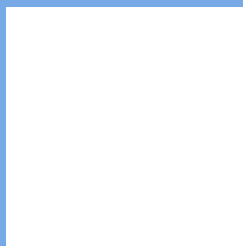
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 161.0040, 34.0150, -36.8375

Background



This preview shows how black text looks on a background with the YUV color 161.0040, 34.0150, -36.8375.

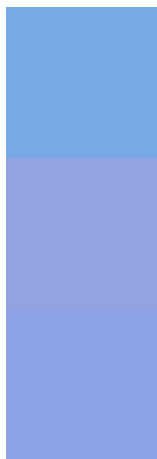


This preview shows how white text looks on a background with the YUV color 161.0040, 34.0150, -36.8375.

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

161.0040, 34.0150, -36.8375

Protanopia

165.2840, 29.4400, -16.0351

Deuteranopia

164.4730, 32.7978, -19.7088



Tritanopia

157.0790, 16.7231, -43.9193

Trichromacy



Original Color

161.0040, 34.0150, -36.8375

Protanomaly

163.6960, 31.2089, -23.4124

Deuteranomaly

163.2550, 33.3983, -25.6566

Tritanomaly

158.1100, 23.1168, -41.3155

Monochromacy



Original Color

161.0040, 34.0150, -36.8375

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.1260, 12.2629, -13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.0040, 34.0150, -36.8375 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(119, 169, 230)` looks like.

```
.text, #text, p{  
    color:rgb(119, 169, 230)  
}
```

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(119, 169, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 169, 230) }
```

Border

The CSS property to change the border of an element to YUV 161.0040, 34.0150, -36.8375 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(119, 169, 230) }
```


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

```
.border{ border-color:rgb(119, 169, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 169, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 169, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 169, 230);  
box-shadow:4px 4px 4px 4px rgb(119, 169,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 161.0040, 34.0150, -36.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 169, 230) }
```

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

```
.background{ background-color: rgb(119,  
169, 230) }
```

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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