

Converting Colors

YUV(174.1660, 38.3722,
-34.3486)

Have a look what the booklet for
YUV(174.1660, 38.3722, -34.3486)
contains.

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Color

**YUV(174.1660, 38.3722,
-34.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	87B3FC
RGB	135, 179, 252
RGB Percent	53%, 70%, 99%
CMY	0.4706, 0.2980, 0.0118
CMYK	0.46, 0.29, 0.00, 0.01
HSL	217°, 95%, 76%
HSV	217°, 46%, 99%
XYZ	43.6825, 44.4194, 98.3669
YIQ	174.1660, -49.6570, 13.3750

Conversions

Conversions Part 2

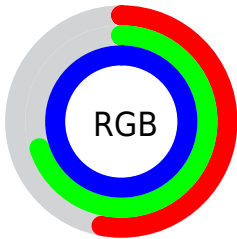
Format	Color
RYB	135, 167, 252
Decimal	8893436
CIELab	72.51, 4.36, -40.74
CIElCh	73, 40.975, 276.104
Yxy	44.4194, 0.2343, 0.2382
Android (android.graphics.Color)	4287083516 (0xFF87B3FC)
YUV	174.1660, 38.3722, -34.3486
Hunter-Lab	66.6479, 0.3590, -40.8538

Details

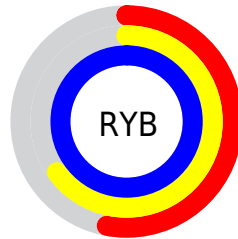
The YUV color **174.1660, 38.3722, -34.3486** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **212.8340, -38.3722, 34.3486**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.7220, 14.9271, -27.8202**, and **119.8020, 37.0726, -37.5374** is the 20% darker color. If you saturate the color by 10%, you get **157.2990, 46.6876, -41.4812**, and if you desaturate by 10%, it is **191.0330, 30.0567, -27.2159**.

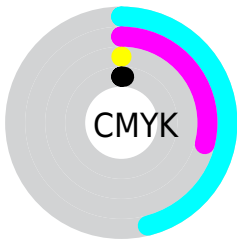
Distribution



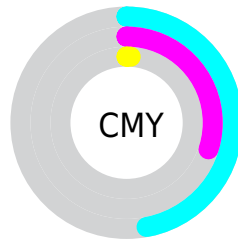
- Red (53%)
- Green (70%)
- Blue (99%)



- Red (53%)
- Yellow (65%)
- Blue (99%)



- Cyan (46%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)



- Cyan (47%)
- Magenta (30%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1660, 38.3722, -34.3486 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 174.1660, 38.3722, -34.3486 by changing the saturation by 10% instead.

■ 174.1660, 38.3722,
-34.3486

■ 174.1660, 38.3722,
-34.3486

255.0000, 0.0000,
0.0000

■ 146.3400, 37.7934,
-35.3782

■ 224.7220, 14.9271,
-27.8202

■ 119.8020, 37.0726,
-37.5374

■ 245.1330, 4.8644,
-20.2876

■ 92.4810, 37.2309,
-41.6408

■ 254.1030, 0.4422,
-1.8443

■ 61.8600, 39.0160,
-54.2512

■ 45.9820, 34.0259,
-40.3262

■ 30.8050, 29.1831,
-27.0160

■ 14.5680, 25.3560,

-12.7761

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 174.1660, 38.3722,
-34.3486

■ 174.1660, 38.3722,
-34.3486

■ 157.2990, 46.6876,
-41.4812

■ 191.0330, 30.0567,
-27.2159

■ 141.0190, 54.7136,
-49.1287

■ 207.3130, 22.0307,
-19.5685

■ 123.8530, 63.1765,
-56.8761

■ 224.4790, 13.5679,
-11.8211

■ 106.9860, 71.4919,
-64.0087

■ 241.3460, 5.2524,
-4.6884

■ 90.1190, 79.8073, 254.6580, -1.3104,
-71.1414 0.2999

■ 84.4930, 82.5810,
-74.1004

Harmonies

Analogous

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



158.1120, 43.3288, -84.2902



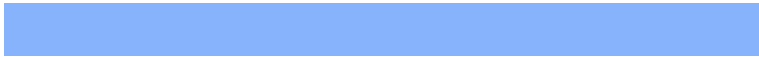
174.1660, 38.3722, -34.3486



181.3950, 27.9063, 9.3006

Triad

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



174.1660, 38.3722, -34.3486



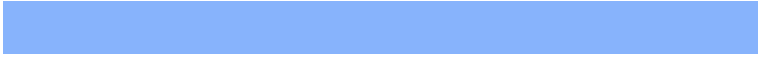
179.1680, -21.2818, 59.4887



163.4010, -8.5787, -48.5867

Complementary

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



174.1660, 38.3722, -34.3486



212.8340, -38.3722, 34.3486

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.



170.5120, -26.8744, -13.6040



174.1660, 38.3722, -34.3486



177.2680, -33.1631, 43.6150

Square

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



174.1660, 38.3722, -34.3486



180.9350, -4.4050, 59.6930



174.4190, -35.7026, 18.0495



151.6680, 16.4327, -90.9168

Rectangle

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



174.1660, 38.3722, -34.3486



183.0190, 18.2316, 32.4323



174.4190, -35.7026, 18.0495



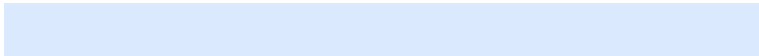
166.3440, -15.4526, -37.1357

Sweetspot

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



174.1660, 38.3722, -34.3486



231.3220, 11.6733, -10.8064



211.8870, -2.4093, -67.4299



113.2040, 7.2944, -6.3179



0.0000, 0.0000, 0.0000



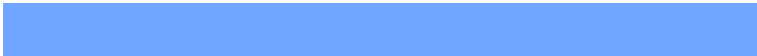
128.0000, 0.0000, 0.0000

Same Dimension

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



174.1660, 38.3722, -34.3486



160.0000, 46.8350, -42.0960



152.5240, 49.0417, -3.0905



116.4170, 4.2314, -3.8737



63.2230, 62.0081, -55.4466



20.4550, 19.9887, -17.9390

Inverse Universe

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



174.9990, 1.9725, 67.5299



160.9130, 2.5079, 82.5143



234.4760, -49.0417, 3.0905



116.4570, 0.2677, 7.4922



64.6050, 3.1527, 109.0944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 174.1660, 38.3722, -34.3486 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 174.1660, 38.3722, -34.3486 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

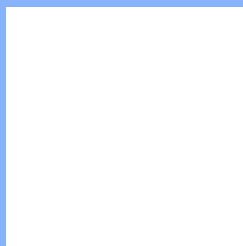
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.1660, 38.3722, -34.3486

Background



This preview shows how black text looks on a background with the YUV color 174.1660, 38.3722, -34.3486.



This preview shows how white text looks on a background with the YUV color 174.1660, 38.3722, -34.3486.

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

174.1660, 38.3722, -34.3486

Protanopia

177.4560, 35.2712, -19.6939

Deuteranopia

176.7050, 37.6134, -24.2973



Tritanopia

169.6770, 16.4282, -42.6897

Trichromacy



Original Color

174.1660, 38.3722, -34.3486

Protanomaly

176.0640, 36.4504, -24.6121

Deuteranomaly

175.7970, 38.0611, -27.8860

Tritanomaly

171.4630, 24.4217, -39.8711

Monochromacy



Original Color

174.1660, 38.3722, -34.3486

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1800, 13.7153, -12.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1660, 38.3722, -34.3486 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(135, 179, 252)` looks like.

```
.text, #text, p{  
    color:rgb(135, 179, 252)  
}
```

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(135, 179, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 179, 252) }
```

Border

The CSS property to change the border of an element to YUV 174.1660, 38.3722, -34.3486 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(135, 179, 252) }
```


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

```
.border{ border-color:rgb(135, 179, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 179, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 179, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 179, 252);  
box-shadow:4px 4px 4px 4px rgb(135, 179,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 174.1660, 38.3722, -34.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 179, 252) }
```

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

```
.background{ background-color: rgb(135,  
179, 252) }
```

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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