

Converting Colors

YUV(134.0420, 59.6323,
-86.8598)

Have a look what the booklet for
YUV(134.0420, 59.6323, -86.8598)
contains.

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Color

**YUV(134.0420, 59.6323,
-86.8598)**

Conversions

Conversions Part 1

Format	Color
Hex	23A1FF
RGB	35, 161, 255
RGB Percent	14%, 63%, 100%
CMY	0.8627, 0.3686, 0.0000
CMYK	0.86, 0.37, 0.00, 0.00
HSL	206°, 100%, 57%
HSV	206°, 86%, 100%
XYZ	31.4880, 33.0671, 99.3307
YIQ	134.0420, -105.2700, 2.5220

Conversions

Conversions Part 2

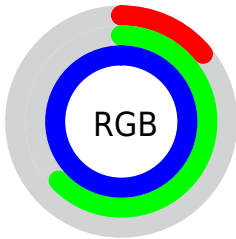
Format	Color
R _Y B	35, 115, 255
Decimal	2335231
CIE Lab	64.22, 0.22, -55.67
CIE LCh	64, 55.670, 270.222
Yxy	33.0671, 0.1921, 0.2018
Android (android.graphics.Color)	4280525311 (0xFF23A1FF)
YUV	134.0420, 59.6323, -86.8598
Hunter-Lab	57.5040, -2.8890, -62.1631

Details

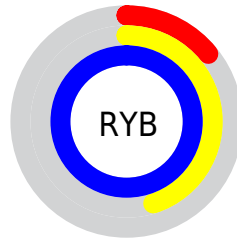
The YUV color **134.0420, 59.6323, -86.8598** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **155.9580, -59.6323, 86.8598**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1550, 31.4756, -62.4029**, and **87.1420, 54.6530, -76.4235** is the 20% darker color. If you saturate the color by 10%, you get **119.8110, 66.6482, -97.1812**, and if you desaturate by 10%, it is **147.9740, 52.7638, -77.1532**.

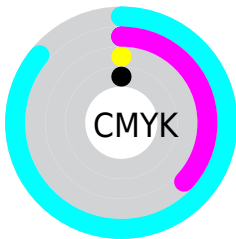
Distribution



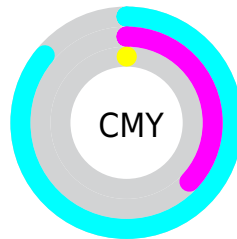
- Red (14%)
- Green (63%)
- Blue (100%)



- Red (14%)
- Yellow (45%)
- Blue (100%)



- Cyan (86%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.0420, 59.6323, -86.8598 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 134.0420, 59.6323, -86.8598 by changing the saturation by 10% instead.

■ 134.0420, 59.6323,
-86.8598

■ 134.0420, 59.6323,
-86.8598

■ 255.0000, 0.0000,
0.0000

■ 105.0090, 59.6486,
-92.0929

■ 191.1550, 31.4756,
-62.4029

■ 87.1420, 54.6530,
-76.4235

■ 218.0450, 18.2188,
-57.0445

■ 69.8620, 49.3680,
-61.2690

■ 234.0700, 10.3185,
-43.0344

■ 53.8700, 43.9411,
-47.2440

■ 243.6380, 5.6015,
-23.3615

■ 38.5790, 38.6616,
-33.8338

■ 253.2060, 0.8844,
-3.6887

■ 23.9890, 33.5294,
-21.0384

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 134.0420, 59.6323,
-86.8598

■ 134.0420, 59.6323,
-86.8598

■ 119.8110, 66.6482,
-97.1812

■ 147.9740, 52.7638,
-77.1532

■ 114.7720, 69.1324,
-100.6550

■ 162.2050, 45.7479,
-66.8318

■ 176.1370, 38.8795,
-57.1251

■ 190.3680, 31.8636,
-46.8037

■ 204.0120, 25.1371,
-35.9675

■ 217.9440, 18.2686,
-26.2609

■ 231.8760, 11.4001,
-16.5543

■ 246.1070, 4.3842,
-6.2328

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



129.0250, 55.2037, -113.1549



134.0420, 59.6323, -86.8598



157.8850, 41.4687, -0.7761

Triad

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



134.0420, 59.6323, -86.8598



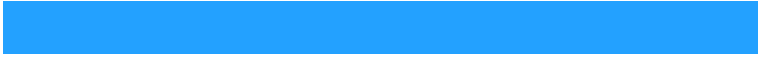
153.9470, -22.6519, 78.9765



133.7060, -14.6451, -62.8862

Complementary

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



134.0420, 59.6323, -86.8598



155.9580, -59.6323, 86.8598

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.



144.7930, -39.8309, -11.2195



134.0420, 59.6323, -86.8598



153.1900, -41.5057, 59.4694

Square

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



134.0420, 59.6323, -86.8598



156.0110, 0.4876, 77.1664



149.8150, -49.7018, 28.2262



123.2160, 15.1765, -108.0604

Rectangle

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



134.0420, 59.6323, -86.8598



160.6030, 29.2827, 34.5512



149.8150, -49.7018, 28.2262



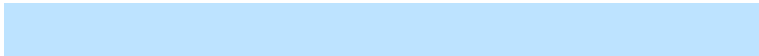
139.4930, -24.8930, -42.5284

Sweetspot

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



134.0420, 59.6323, -86.8598



218.8300, 17.8318, -26.1609



174.6280, -23.4806, -122.4538



106.0610, 10.8159, -15.8395



0.0000, 0.0000, 0.0000



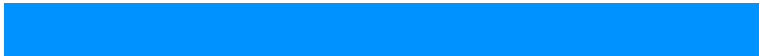
128.0000, 0.0000, 0.0000

Same Dimension

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



134.0420, 59.6323, -86.8598



114.7720, 69.1324, -100.6550



70.6460, 90.8865, -31.2615



120.5910, 3.6526, -4.9033



86.3440, 51.5954, -75.7237



29.0150, 17.2476, -25.4462

Inverse Universe

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



115.1440, 22.6070, 122.6537



92.8890, 26.1837, 142.1713



219.3540, -90.8865, 31.2615



119.6850, 1.1413, 7.2923



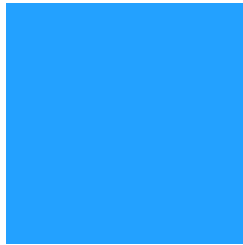
69.6490, 19.8930, 106.4248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 134.0420, 59.6323, -86.8598 looks on a white background.

Color Contrast Check

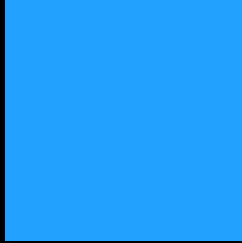
Large Text (above 18pt) WCAG AA × Fail

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 134.0420, 59.6323, -86.8598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

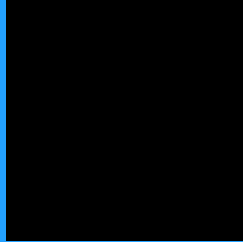
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

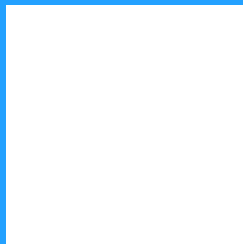
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 134.0420, 59.6323, -86.8598

Background



This preview shows how black text looks on a background with the YUV color 134.0420, 59.6323, -86.8598.



This preview shows how white text looks on a background with the YUV color 134.0420, 59.6323, -86.8598.

-86.8598.

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

134.0420, 59.6323, -86.8598

Protanopia

151.9630, 46.3602, -29.7856

Deuteranopia

146.6660, 53.4087, -50.5731



Tritanopia

121.9400, 30.5956, -106.9414

Trichromacy



Original Color

134.0420, 59.6323, -86.8598

Protanomaly

145.6830, 50.9353, -50.5880

Deuteranomaly

141.8600, 55.7780, -63.8982

Tritanomaly

126.4430, 41.1936, -99.4895

Monochromacy



Original Color

134.0420, 59.6323, -86.8598

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.1220, 21.6319, -31.6790

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0420, 59.6323, -86.8598 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(35, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(35, 161, 255)  
}
```

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(35, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 161, 255) }
```

Border

The CSS property to change the border of an element to YUV 134.0420, 59.6323, -86.8598 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(35, 161, 255) }
```


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

```
.border{ border-color:rgb(35, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(35, 161,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 134.0420, 59.6323, -86.8598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 161, 255) }
```

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

```
.background{ background-color: rgb(35, 161,  
255) }
```

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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