

Converting Colors

YIQ(134.1850, -86.1990,
14.8330)

Have a look what the booklet for
YIQ(134.1850, -86.1990, 14.8330)
contains.

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Color

**YIQ(134.1850, -86.1990,
14.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	3D94FF
RGB	61, 148, 255
RGB Percent	24%, 58%, 100%
CMY	0.7609, 0.4195, 0.0004
CMYK	0.76, 0.42, 0.00, 0.00
HSL	213°, 100%, 62%
HSV	213°, 76%, 100%
XYZ	30.5505, 29.3954, 98.5800
YIQ	134.1850, -86.1990, 14.8330

Conversions

Conversions Part 2

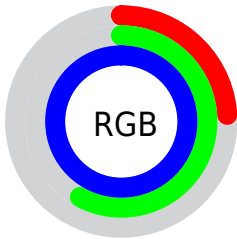
Format	Color
R _{YB}	61, 121, 255
Decimal	4035839
CIE Lab	61.13, 10.05, -60.50
CIE LCh	61, 61.330, 279.431
Yxy	29.3954, 0.1927, 0.1854
Android (android.graphics.Color)	4282225919 (0xFF3D94FF)
YUV	134.1850, 59.5618, -64.1832
Hunter-Lab	54.2175, 5.7007, -69.8507

Details

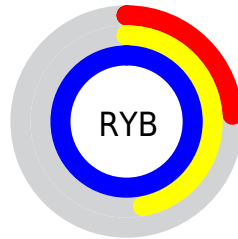
The YIQ color **134.1850, -86.1990, 14.8330** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **181.8150, 86.1990, -14.8330**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.4110, -58.1370, 1.8550**, and **80.0980, -90.5080, 10.3240** is the 20% darker color. If you saturate the color by 10%, you get **118.1930, -97.8450, 16.6430**, and if you desaturate by 10%, it is **149.8780, -75.1490, 12.8110**.

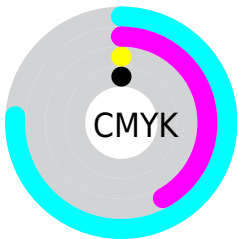
Distribution



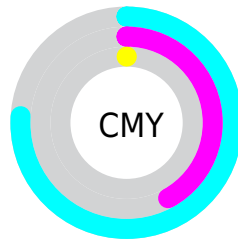
- Red (24%)
- Green (58%)
- Blue (100%)



- Red (24%)
- Yellow (47%)
- Blue (100%)



- Cyan (76%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.1850, -86.1990, 14.8330 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 YIQ color 134.1850, -86.1990, 14.8330 by changing the saturation by 10% instead.

■ 134.1850,
-86.1990, 14.8330

■ 134.1850,
-86.1990, 14.8330

■ 255.0000, -0.0000,
-0.0000

■ 97.9650,
-106.3710, 5.9570

■ 187.4110,
-58.1370, 1.8550

■ 79.9840, -90.1870,
10.0130

■ 212.8280,
-46.4900, -5.4820

■ 63.4050, -75.1950,
13.6450

■ 237.3590,
-35.1640, -12.5080

■ 47.4130, -60.4780,
16.7540

■ 246.9270,
-16.0920, -5.7240

■ 33.1820, -46.5860,
18.2940

■ 16.2440, -31.9610,
23.0710

■ 11.7470, -23.4320,

17.1760

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,
6.3190

■ 134.1850,
-86.1990, 14.8330

■ 134.1850,
-86.1990, 14.8330

■ 118.1930,
-97.8450, 16.6430

■ 149.8780,
-75.1490, 12.8110

■ 102.5000,
-108.8950, 18.6650

■ 165.8700,
-63.5030, 11.0010

■ 95.9880,
-113.2050, 19.6830

■ 181.5630,
-52.4530, 8.9790

■ 197.5550,
-40.8070, 7.1690

■ 213.2480,
-29.7570, 5.1470

■ 229.2400,
-18.1110, 3.3370

■ 244.9330, -7.0610,
1.3150

■ 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.



124.6540, -125.0290, -8.3330



134.1850, -86.1990, 14.8330



151.8380, -6.6100, 42.7180

Triad

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



134.1850, -86.1990, 14.8330



143.7810, 84.6800, 18.2160



112.5750, -81.3720, -56.1560

Complementary

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



134.1850, -86.1990, 14.8330



181.8150, 86.1990, -14.8330

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.



132.0790, -3.5220, -46.3220



134.1850, -86.1990, 14.8330



142.7520, 73.3150, -12.6130

Square

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



134.1850, -86.1990, 14.8330



144.1820, 77.2020, 43.6180



138.3270, 45.8100, -37.2780



120.2470, -100.2190, -39.4750

Rectangle

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



134.1850, -86.1990, 14.8330



151.2140, 30.6180, 50.8580



138.3270, 45.8100, -37.2780



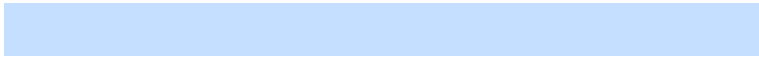
119.2160, -55.3760, -53.7120

Sweetspot

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



134.1850, -86.1990, 14.8330



218.5750, -26.3640, 4.2280



187.0760, -87.6970, -68.1850



105.4960, -15.9560, 2.8280



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.



134.1850, -86.1990, 14.8330



110.4960, -103.0720, 17.7600



86.1060, -56.3140, 62.4540



119.4170, -5.5480, 1.4280



72.2560, -84.9610, 14.4230



24.3190, -28.5190, 4.7370

Inverse Universe

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



128.9240, 87.6970, 68.1850



104.2240, 104.8880, 81.5280



229.8940, 56.3140, -62.4540



119.4570, 6.1430, 4.3110



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 134.1850, -86.1990, 14.8330 looks on a white background.

Color Contrast Check

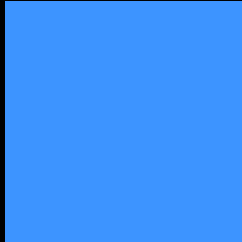
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 134.1850, -86.1990, 14.8330 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 × Fail

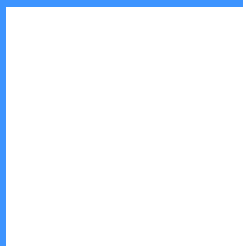
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 134.1850, -86.1990, 14.8330

Background



This preview shows how black text looks on a background with the YIQ color 134.1850, -86.1990, 14.8330.



This preview shows how white text looks on a background with the YIQ color 134.1850, -86.1990,

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

134.1850, -86.1990, 14.8330

Protanopia

142.3410, -59.9750, 24.1610

Deuteranopia

133.2880, -87.9870, 14.1970



Tritanopia

115.6310, -101.0000, -30.8240

Trichromacy



Original Color

134.1850, -86.1990, 14.8330

Protanomaly

139.5570, -69.5110, 20.7690

Deuteranomaly

133.5870, -87.3910, 14.4090

Tritanomaly

122.5800, -95.8220, -14.5260

Monochromacy



Original Color

134.1850, -86.1990, 14.8330

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.8780, -31.5910, 5.3450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.1850, -86.1990, 14.8330 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(61, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 148, 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(61, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 148, 255) }
```

Border

The CSS property to change the border of an element to YIQ 134.1850, -86.1990, 14.8330 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(61, 148, 255) }
```


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

```
.border{ border-color:rgb(61, 148, 255) }
```

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

Here you see how a box with a 4 pixel rgb(61, 148, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 148,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 134.1850, -86.1990, 14.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 148, 255) }
```

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

```
.background{ background-color: rgb(61, 148,  
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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