

Converting Colors

YIQ(141.1740, -96.8340, 3.8220)

Have a look what the booklet for
YIQ(141.1740, -96.8340, 3.8220)
contains.

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Color

**YIQ(141.1740, -96.8340,
3.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	33A5FF
RGB	51, 165, 255
RGB Percent	20%, 65%, 100%
CMY	0.8001, 0.3527, 0.0005
CMYK	0.80, 0.35, 0.00, 0.00
HSL	206°, 100%, 60%
HSV	206°, 80%, 100%
XYZ	32.8577, 34.8426, 99.5036
YIQ	141.1740, -96.8340, 3.8220

Conversions

Conversions Part 2

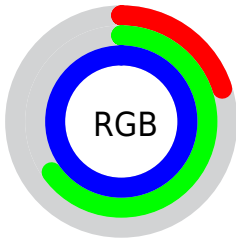
Format	Color
R _Y B	51, 124, 255
Decimal	3384831
CIE Lab	65.63, -0.92, -53.35
CIE LCh	66, 53.357, 269.012
Yxy	34.8426, 0.1965, 0.2084
Android (android.graphics.Color)	4281574911 (0xFF33A5FF)
YUV	141.1740, 56.1162, -79.0826
Hunter-Lab	59.0276, -3.9364, -58.6266

Details

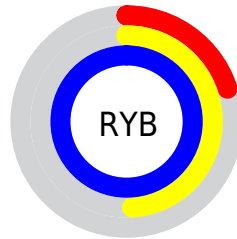
The YIQ color **141.1740, -96.8340, 3.8220** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **164.8260, 96.8340, -3.8220**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.4820, -66.0670, -8.6190**, and **89.4900, -94.9080, 1.9560** is the 20% darker color. If you saturate the color by 10%, you get **126.9430, -109.3050, 4.0630**, and if you desaturate by 10%, it is **155.1060, -84.9590, 3.3690**.

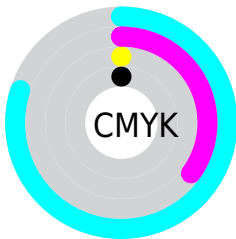
Distribution



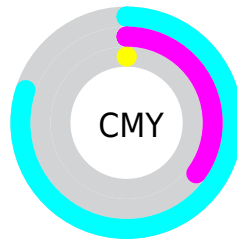
- Red (20%)
- Green (65%)
- Blue (100%)



- Red (20%)
- Yellow (49%)
- Blue (100%)



- Cyan (80%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.1740, -96.8340, 3.8220 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 141.1740, -96.8340, 3.8220 by changing the saturation by 10% instead.

■ 141.1740,
-96.8340, 3.8220

■ 141.1740,
-96.8340, 3.8220

■ 255.0000, -0.0000,
-0.0000

■ 107.3570,
-110.7710, -2.4110

■ 196.4820,
-66.0670, -8.6190

■ 89.4900, -94.9080,
1.9560

■ 222.4860,
-54.6950, -16.4790

■ 72.2100, -79.3200,
5.8000

■ 236.1630,
-37.5480, -13.3560

■ 55.6310, -64.3280,
9.4320

■ 245.4320,
-19.0720, -6.7840

■ 40.3400, -50.2070,
12.3290

■ 254.7010, -0.5960,
-0.2120

■ 25.7500, -36.6820,
15.0140

■ 11.7470, -23.4320,

17.1760

■ 6.7770, -14.9490,
12.1150

■ 3.2090, -7.6580,
6.6300

■ 141.1740,
-96.8340, 3.8220

■ 141.1740,
-96.8340, 3.8220

■ 126.9430,
-109.3050, 4.0630

■ 155.1060,
-84.9590, 3.3690

■ 113.0110,
-121.1800, 4.5160

■ 169.9240,
-72.7630, 2.6050

■ 183.8560,
-60.8880, 2.1520

■ 198.0870,
-48.4170, 1.9110

■ 212.0190,
-36.5420, 1.4580

■ 226.2500,
-24.0710, 1.2170

■ 240.7690,
-12.4710, 0.2410

■ 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.



131.3730, -126.0360, -17.6200



141.1740, -96.8340, 3.8220



161.5320, -23.6640, 32.4000

Triad

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



141.1740, -96.8340, 3.8220



158.3920, 75.8300, 24.4220



140.1090, -38.5970, -43.9170

Complementary

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



141.1740, -96.8340, 3.8220



164.8260, 96.8340, -3.8220

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.



149.7440, 13.8990, -37.1490



141.1740, -96.8340, 3.8220



157.7600, 70.8370, -0.7390

Square

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



141.1740, -96.8340, 3.8220



161.1030, 61.2470, 40.9190



154.5100, 50.2090, -23.3830



125.2050, -100.4010, -47.1930

Rectangle

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



141.1740, -96.8340, 3.8220



164.1790, 11.3630, 41.8830



154.5100, 50.2090, -23.3830



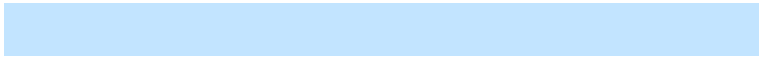
144.8140, -18.6530, -41.9250

Sweetspot

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



141.1740, -96.8340, 3.8220



220.9120, -28.9310, 1.1890



180.7800, -84.3480, -79.3240



106.9580, -17.3770, 1.0470



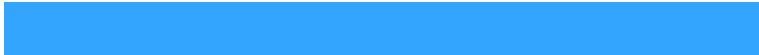
0.0000, 0.0000, 0.0000



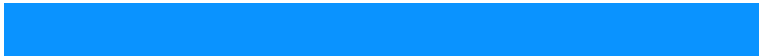
128.0000, -0.0000, -0.0000

Same Dimension

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



141.1740, -96.8340, 3.8220



118.3490, -116.3200, 4.5440



82.4740, -69.3340, 56.1220



120.5910, -6.0980, 0.3820



84.5830, -90.7360, 3.4400



28.4280, -30.4440, 1.0760

Inverse Universe

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



124.9920, 84.9900, 78.7020



98.8730, 102.0430, 94.5470



223.5260, 69.3340, -56.1220



119.6850, 5.5010, 4.9330



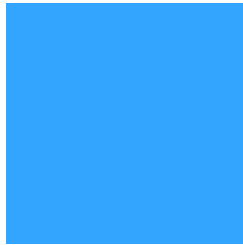
69.3070, 79.4890, 73.7690



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 141.1740, -96.8340, 3.8220 looks on a white background.

Color Contrast Check

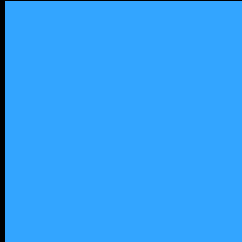
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 141.1740, -96.8340, 3.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

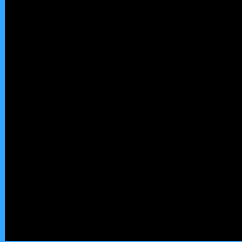
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

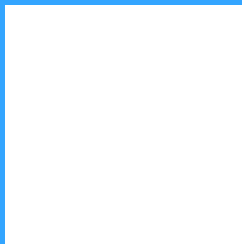
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 141.1740, -96.8340, 3.8220

Background



This preview shows how black text looks on a background with the YIQ color 141.1740, -96.8340, 3.8220.

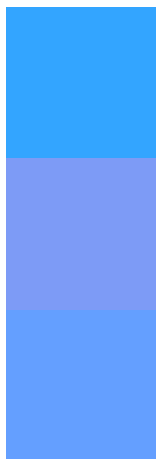


This preview shows how white text looks on a background with the YIQ color 141.1740, -96.8340,

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

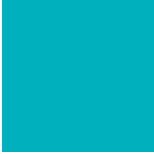
141.1740, -96.8340, 3.8220

Protanopia

156.4040, -47.0910, 21.9410

Deuteranopia

152.3030, -65.9800, 17.3480



Tritanopia

124.8580, -109.0690, -33.2690

Trichromacy



Original Color

141.1740, -96.8340, 3.8220

Protanomaly

151.0210, -65.2460, 15.0580

Deuteranomaly

148.0950, -77.2580, 12.4860

Tritanomaly

130.9270, -104.3490, -19.6850

Monochromacy



Original Color

141.1740, -96.8340, 3.8220

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.0900, -35.3040, 1.0480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.1740, -96.8340, 3.8220 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(51, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 165, 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(51, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 165, 255) }
```

Border

The CSS property to change the border of an element to YIQ 141.1740, -96.8340, 3.8220 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(51, 165, 255) }
```


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

```
.border{ border-color:rgb(51, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 165,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 141.1740, -96.8340, 3.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 165, 255) }
```

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

```
.background{ background-color: rgb(51, 165,  
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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