

Converting Colors

YIQ(131.3780, -115.2640,
-3.5840)

Have a look what the booklet for
YIQ(131.3780, -115.2640, -3.5840)
contains.

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Color

**YIQ(131.3780, -115.2640,
-3.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	13A5FD
RGB	19, 165, 253
RGB Percent	7%, 65%, 99%
CMY	0.9256, 0.3527, 0.0084
CMYK	0.92, 0.35, 0.00, 0.01
HSL	203°, 98%, 53%
HSV	203°, 92%, 99%
XYZ	31.4416, 34.1535, 97.7517
YIQ	131.3780, -115.2640, -3.5840

Conversions

Conversions Part 2

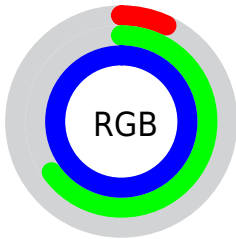
Format	Color
R_{YB}	19, 109, 253
Decimal	1287677
CIE Lab	65.08, -3.70, -53.14
CIE LCh	65, 53.266, 266.016
Yxy	34.1535, 0.1925, 0.2091
Android (android.graphics.Color)	4279477757 (0xFF13A5FD)
YUV	131.3780, 59.9596, -98.5555
Hunter-Lab	58.4410, -6.2376, -58.2631

Details

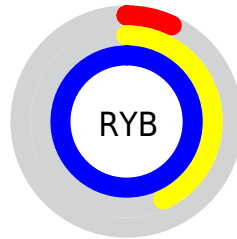
The YIQ color **131.3780, -115.2640, -3.5840** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **140.6220, 115.2640, 3.5840**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.5950, -73.8150, -11.3750**, and **89.2620, -94.2660, 1.3340** is the 20% darker color. If you saturate the color by 10%, you get **121.5880, -124.6630, -3.9510**, and if you desaturate by 10%, it is **144.7230, -103.1140, -3.5140**.

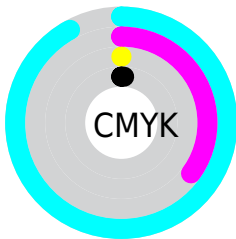
Distribution



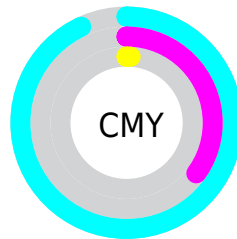
- Red (7%)
- Green (65%)
- Blue (99%)



- Red (7%)
- Yellow (43%)
- Blue (99%)



- Cyan (92%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)



- Cyan (93%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.3780, -115.2640, -3.5840 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 131.3780, -115.2640, -3.5840 by changing the saturation by 10% instead.

■ 131.3780,
-115.2640, -3.5840

■ 131.3780,
-115.2640, -3.5840

■ 255.0000, -0.0000,
-0.0000

■ 107.1290,
-110.1290, -3.0330

■ 192.5950,
-73.8150, -11.3750

■ 89.2620, -94.2660,
1.3340

■ 219.1970,
-61.2510, -18.8110

■ 71.9820, -78.6780,
5.1780

■ 232.8740,
-44.1040, -15.6880

■ 55.4030, -63.6860,
8.8100

■ 242.4420,
-25.0320, -8.9040

■ 39.5250, -49.2900,
12.2300

■ 251.7110, -6.5560,
-2.3320

■ 25.5220, -36.0400,
14.3920

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 131.3780,
-115.2640, -3.5840

■ 131.3780,
-115.2640, -3.5840

■ 121.5880,
-124.6630, -3.9510

■ 144.7230,
-103.1140, -3.5140

■ 157.7800,
-90.0930, -2.7090

■ 171.1250,
-77.9430, -2.6390

■ 183.8830,
-65.5180, -2.0460

■ 197.2280,
-53.3680, -1.9760

■ 210.2850,
-40.3470, -1.1710

■ 223.6300,
-28.1970, -1.1010

■ 236.3880,
-15.7720, -0.5080

■ 249.4450, -2.7510,
0.2970

Harmonies

Analogous

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



130.2160, -124.1560, -18.6520



131.3780, -115.2640, -3.5840



159.5420, -29.6240, 30.2800

Triad

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



131.3780, -115.2640, -3.5840



157.2610, 74.8210, 26.1890



140.3440, -31.9490, -43.2530

Complementary

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



131.3780, -115.2640, -3.5840



140.6220, 115.2640, 3.5840

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.



149.3100, 18.1170, -36.4990



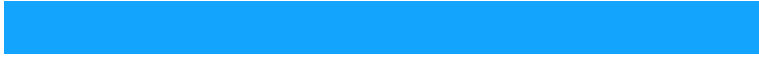
131.3780, -115.2640, -3.5840



155.9390, 71.8910, 2.1870

Square

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



131.3780, -115.2640, -3.5840



159.6620, 58.1750, 41.5270



153.2330, 52.5470, -21.7010



123.3470, -97.9250, -48.0130

Rectangle

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



131.3780, -115.2640, -3.5840



162.9010, 6.2740, 40.4980



153.2330, 52.5470, -21.7010



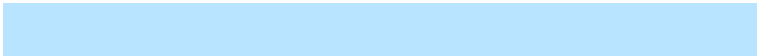
143.9780, -13.2430, -40.8510

Sweetspot

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



131.3780, -115.2640, -3.5840



217.9220, -34.8910, -0.9310



166.1620, -91.9560, -95.6360



104.8650, -21.5490, -0.4370



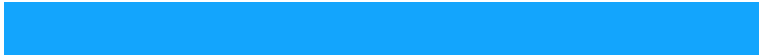
0.0000, 0.0000, 0.0000



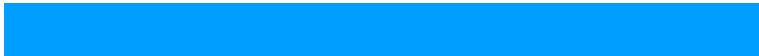
128.0000, -0.0000, -0.0000

Same Dimension

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



131.3780, -115.2640, -3.5840



122.4030, -125.5800, -3.8520



63.8730, -83.6390, 56.5610



121.1780, -6.3730, -0.1410



91.6270, -94.0360, -2.8360



30.7760, -31.5440, -1.0160

Inverse Universe

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



105.6100, 92.5980, 95.0140



94.3710, 100.9410, 103.5090



208.1270, 83.6390, -56.5610



119.7990, 5.1800, 5.2440



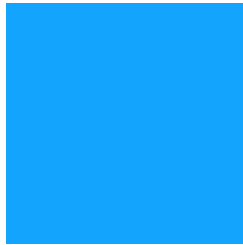
70.6750, 75.6370, 77.5010



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 131.3780, -115.2640, -3.5840 looks on a white background.

Color Contrast Check

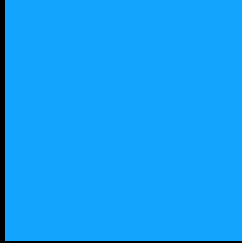
Large Text (above 18pt) WCAG AA × Fail

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 131.3780, -115.2640, -3.5840 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

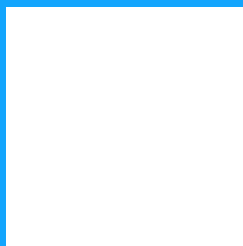
Any Text WCAG AAA ✓ Pass

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

YIQ 131.3780, -115.2640, -3.5840 Background



This preview shows how black text looks on a background with the YIQ color 131.3780, -115.2640, -3.5840.



This preview shows how white text looks on a background with the YIQ color 131.3780, -115.2640, -3.5840.

-3.5840.

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

131.3780, -115.2640, -3.5840

Protanopia

155.1760, -46.4490, 21.3190

Deuteranopia

150.2320, -67.2180, 17.7580

Trichromacy



Original Color

131.3780, -115.2640, -3.5840

Protanomaly

146.6180, -71.4810, 12.4150

Deuteranomaly

143.5070, -84.4100, 9.9420

Monochromacy



Original Color

131.3780, -115.2640, -3.5840

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.8010, -41.8600, -1.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.3780, -115.2640, -3.5840 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(19, 165, 253)` looks like.

```
.text, #text, p{  
    color:rgb(19, 165, 253)  
}
```

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(19, 165, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 165, 253) }
```

Border

The CSS property to change the border of an element to YIQ 131.3780, -115.2640, -3.5840 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(19, 165, 253) }
```

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

```
.border{ border-color:rgb(19, 165, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 165, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 165, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 165, 253);  
box-shadow:4px 4px 4px 4px rgb(19, 165,  
253) }
```


Background

The CSS property to change the background color of an element to YIQ 131.3780, -115.2640, -3.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 165, 253) }
```

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

```
.background{ background-color: rgb(19, 165,  
253) }
```

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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