

Converting Colors

YIQ(144.5010, -93.4410, 2.9030)

Have a look what the booklet for
YIQ(144.5010, -93.4410, 2.9030)
contains.

YIQ(144.5010, -93.4410, 2.9030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(144.5010, -93.4410,
2.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	39A8FD
RGB	57, 168, 253
RGB Percent	22%, 66%, 99%
CMY	0.7766, 0.3410, 0.0083
CMYK	0.77, 0.34, 0.00, 0.01
HSL	206°, 98%, 61%
HSV	206°, 77%, 99%
XYZ	33.4074, 35.9756, 98.0187
YIQ	144.5010, -93.4410, 2.9030

Conversions

Conversions Part 2

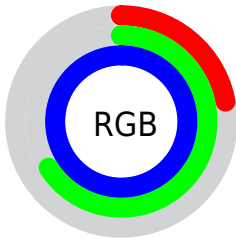
Format	Color
R _Y B	57, 128, 253
Decimal	3778813
CIE Lab	66.50, -2.75, -50.87
CIE LCh	67, 50.944, 266.909
Yxy	35.9756, 0.1996, 0.2149
Android (android.graphics.Color)	4281968893 (0xFF39A8FD)
YUV	144.5010, 53.4900, -76.7384
Hunter-Lab	59.9797, -5.5436, -54.9059

Details

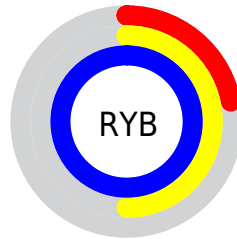
The YIQ color **144.5010, -93.4410, 2.9030** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **165.4990, 93.4410, -2.9030**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1400, -65.1040, -9.5520**, and **90.4360, -94.8160, 0.2880** is the 20% darker color. If you saturate the color by 10%, you get **130.5690, -105.3160, 3.3560**, and if you desaturate by 10%, it is **158.4330, -81.5660, 2.4500**.

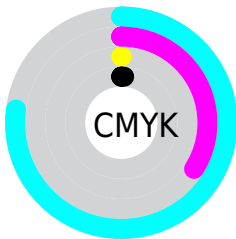
Distribution



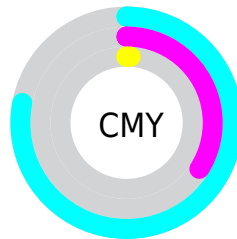
- Red (22%)
- Green (66%)
- Blue (99%)



- Red (22%)
- Yellow (50%)
- Blue (99%)



- Cyan (77%)
- Magenta (34%)
- Yellow (0%)
- Black (1%)



- Cyan (78%)
- Magenta (34%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.5010, -93.4410, 2.9030 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 144.5010, -93.4410, 2.9030 by changing the saturation by 10% instead.

■ 144.5010,
-93.4410, 2.9030

■ 144.5010,
-93.4410, 2.9030

■ 255.0000, -0.0000,
-0.0000

■ 108.8900,
-110.9540, -4.6020

■ 198.8410,
-65.7000, -9.7640

■ 91.0230, -95.0910,
-0.2350

■ 225.1440,
-53.7320, -17.4120

■ 73.1560, -79.2280,
4.1320

■ 236.7610,
-36.3560, -12.9320

■ 56.5770, -64.2360,
7.7640

■ 246.0300,
-17.8800, -6.3600

■ 41.2860, -50.1150,
10.6610

■ 26.6960, -36.5900,
13.3460

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 144.5010,
-93.4410, 2.9030

■ 144.5010,
-93.4410, 2.9030

■ 130.5690,
-105.3160, 3.3560

■ 158.4330,
-81.5660, 2.4500

■ 116.3380,
-117.7870, 3.5970

■ 172.6640,
-69.0950, 2.2090

■ 112.7830,
-120.5380, 3.8940

■ 186.5960,
-57.2200, 1.7560

■ 200.5280,
-45.3450, 1.3030

■ 214.4600,
-33.4700, 0.8500

■ 228.6910,
-20.9990, 0.6090

■ 242.6230, -9.1240,
0.1560

■ 254.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



132.2050, -125.6230, -19.5990



144.5010, -93.4410, 2.9030



163.9830, -26.5520, 29.6720

Triad

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



144.5010, -93.4410, 2.9030



161.5380, 72.4830, 24.5070



144.8110, -31.7660, -41.0620

Complementary

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



144.5010, -93.4410, 2.9030



165.4990, 93.4410, -2.9030

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.



152.9940, 16.1910, -34.6330



144.5010, -93.4410, 2.9030



160.4440, 68.9110, 1.1270

Square

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



144.5010, -93.4410, 2.9030



164.0100, 57.0750, 39.4350



157.7920, 49.4750, -21.0930



125.6780, -100.3550, -48.0270

Rectangle

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



144.5010, -93.4410, 2.9030



166.4450, 7.5580, 39.2540



157.7920, 49.4750, -21.0930



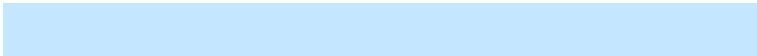
148.7330, -13.9310, -39.3950

Sweetspot

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



144.5010, -93.4410, 2.9030



222.6840, -28.2890, 0.5670



181.4000, -80.2220, -77.0060



107.8440, -17.0560, 0.7360



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.



144.5010, -93.4410, 2.9030



123.6760, -112.9270, 3.6250



88.7360, -67.3160, 52.5880



120.5910, -6.0980, 0.3820



85.1700, -91.0110, 2.9170



28.4280, -30.4440, 1.0760

Inverse Universe

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



128.2580, 81.1850, 76.0730



104.1390, 98.2380, 91.9180



221.2640, 67.3160, -52.5880



119.6850, 5.5010, 4.9330



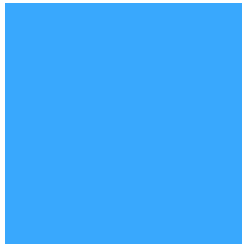
69.4210, 79.1680, 74.0800



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 144.5010, -93.4410, 2.9030 looks on a white background.

Color Contrast Check

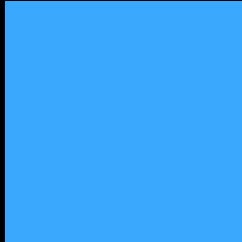
Large Text (above 18pt) WCAG AA × Fail

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 144.5010, -93.4410, 2.9030 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

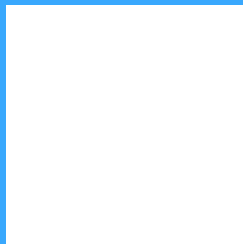
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 144.5010, -93.4410, 2.9030

Background



This preview shows how black text looks on a background with the YIQ color 144.5010, -93.4410, 2.9030.

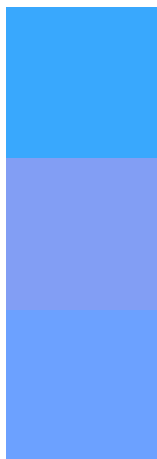


This preview shows how white text looks on a background with the YIQ color 144.5010, -93.4410,

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

144.5010, -93.4410, 2.9030

Protanopia

159.4320, -44.2940, 20.8100

Deuteranopia

155.8690, -61.7620, 17.9980



Tritanopia

126.3740, -110.5820, -33.3820

Trichromacy



Original Color

144.5010, -93.4410, 2.9030

Protanomaly

154.0490, -62.4490, 13.9270

Deuteranomaly

151.8350, -73.5900, 12.0900

Tritanomaly

132.8130, -104.0280, -19.9960

Monochromacy



Original Color

144.5010, -93.4410, 2.9030

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.2750, -34.3870, 0.9490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.5010, -93.4410, 2.9030 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(57, 168, 253)` looks like.

```
.text, #text, p{  
    color:rgb(57, 168, 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(57, 168, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 168, 253) }
```

Border

The CSS property to change the border of an element to YIQ 144.5010, -93.4410, 2.9030 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(57, 168, 253) }
```


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

```
.border{ border-color:rgb(57, 168, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 168, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 168, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 168, 253);  
box-shadow:4px 4px 4px 4px rgb(57, 168,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 144.5010, -93.4410, 2.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 168, 253) }
```

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

```
.background{ background-color: rgb(57, 168,  
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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