

Converting Colors

YIQ(142.4140, -88.5820, 8.4580)

Have a look what the booklet for
YIQ(142.4140, -88.5820, 8.4580)
contains.

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Color

**YIQ(142.4140, -88.5820,
8.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	3FA1FF
RGB	63, 161, 255
RGB Percent	25%, 63%, 100%
CMY	0.7531, 0.3685, 0.0004
CMYK	0.75, 0.37, 0.00, 0.00
HSL	209°, 100%, 62%
HSV	209°, 75%, 100%
XYZ	32.8317, 33.7726, 99.3048
YIQ	142.4140, -88.5820, 8.4580

Conversions

Conversions Part 2

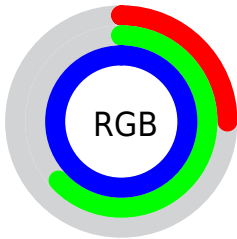
Format	Color
R _Y B	63, 128, 255
Decimal	4170239
CIE Lab	64.78, 2.63, -54.68
CIE LCh	65, 54.739, 272.750
Yxy	33.7726, 0.1979, 0.2036
Android (android.graphics.Color)	4282360319 (0xFF3FA1FF)
YUV	142.4140, 55.5049, -69.6461
Hunter-Lab	58.1142, -0.8557, -60.6341

Details

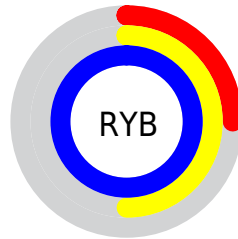
The YIQ color **142.4140, -88.5820, 8.4580** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **175.5860, 88.5820, -8.4580**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.3410, -61.1160, -4.7320**, and **87.1420, -93.8080, 4.0480** is the 20% darker color. If you saturate the color by 10%, you get **127.5960, -100.7780, 9.2220**, and if you desaturate by 10%, it is **157.5200, -77.2570, 6.9590**.

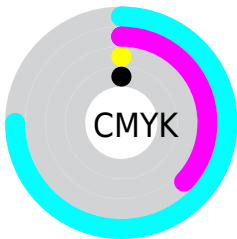
Distribution



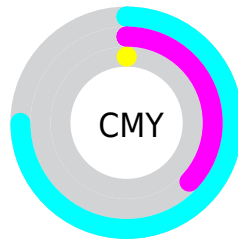
- Red (25%)
- Green (63%)
- Blue (100%)



- Red (25%)
- Yellow (50%)
- Blue (100%)



- Cyan (75%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.4140, -88.5820, 8.4580 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 142.4140, -88.5820, 8.4580 by changing the saturation by 10% instead.

■ 142.4140,
-88.5820, 8.4580

■ 142.4140,
-88.5820, 8.4580

■ 255.0000, -0.0000,
-0.0000

■ 105.0090,
-109.6710, -0.3190

■ 195.3410,
-61.1160, -4.7320

■ 87.1420, -93.8080,
4.0480

■ 221.9320,
-50.0190, -13.1150

■ 69.8620, -78.2200,
7.8920

■ 237.6580,
-34.5680, -12.2960

■ 53.8700, -63.5030,
11.0010

■ 247.2260,
-15.4960, -5.5120

■ 38.5790, -49.3820,
13.8980

■ 23.9890, -35.8570,
16.5830

■ 11.7470, -23.4320,

17.1760

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 142.4140,
-88.5820, 8.4580

■ 142.4140,
-88.5820, 8.4580

■ 127.5960,
-100.7780, 9.2220

■ 157.5200,
-77.2570, 6.9590

■ 112.4900,
-112.1030, 10.7210

■ 172.3380,
-65.0610, 6.1950

■ 105.3800,
-117.6050, 11.3150

■ 186.8570,
-53.4610, 5.2190

■ 202.2620,
-41.5400, 3.9320

■ 216.7810,
-29.9400, 2.9560

■ 232.1860,
-18.0190, 1.6690

■ 246.7050, -6.4190,
0.6930

■ 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.



129.8400, -125.8530, -15.4290



142.4140, -88.5820, 8.4580



160.0490, -17.7500, 35.3540

Triad

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



142.4140, -88.5820, 8.4580



156.1810, 77.8020, 21.7220



134.3680, -49.6920, -46.5880

Complementary

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



142.4140, -88.5820, 8.4580



175.5860, 88.5820, -8.4580

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.



146.6400, 8.2600, -39.5800



142.4140, -88.5820, 8.4580



154.3530, 70.4250, -4.2870

Square

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



142.4140, -88.5820, 8.4580



157.5550, 65.7860, 41.2580



151.4340, 47.3670, -26.9450



124.4870, -101.1350, -44.9030

Rectangle

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



142.4140, -88.5820, 8.4580



162.0550, 17.6440, 43.6920



151.4340, 47.3670, -26.9450



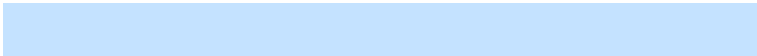
140.1550, -27.0430, -44.0590

Sweetspot

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



142.4140, -88.5820, 8.4580



220.3360, -27.1890, 2.6590



186.3060, -82.6530, -71.4930



106.6700, -16.5060, 1.7820



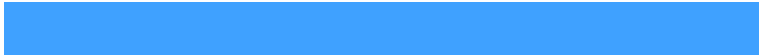
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



142.4140, -88.5820, 8.4580



120.4860, -106.2800, 9.8160



86.6490, -62.4570, 58.1430



120.0040, -5.8230, 0.9050



79.3000, -88.2610, 8.1470



26.6670, -29.6190, 2.6450

Inverse Universe

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



131.5800, 82.9740, 71.1820



107.2220, 99.2020, 85.4580



231.3510, 62.4570, -58.1430



119.5710, 5.8220, 4.6220



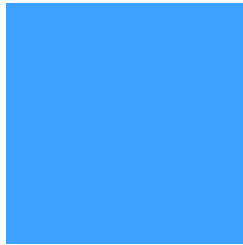
68.2810, 82.3780, 70.9700



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 142.4140, -88.5820, 8.4580 looks on a white background.

Color Contrast Check

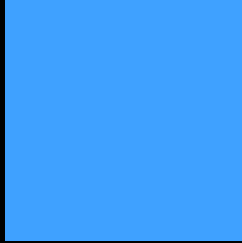
Large Text (above 18pt) WCAG AA × Fail

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 142.4140, -88.5820, 8.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

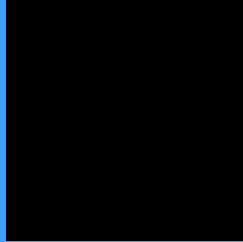
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

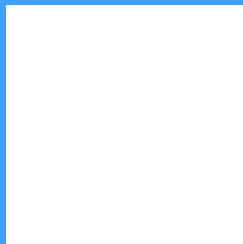
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 142.4140, -88.5820, 8.4580

Background



This preview shows how black text looks on a background with the YIQ color 142.4140, -88.5820, 8.4580.



This preview shows how white text looks on a background with the YIQ color 142.4140, -88.5820, 8.4580.

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

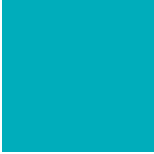
142.4140, -88.5820, 8.4580

Protanopia

153.9630, -50.1630, 22.5490

Deuteranopia

149.3350, -69.0060, 17.1220



Tritanopia

122.8690, -107.6020, -32.3220

Trichromacy



Original Color

142.4140, -88.5820, 8.4580

Protanomaly

149.7870, -64.4670, 17.4610

Deuteranomaly

146.6330, -75.8370, 14.2670

Tritanomaly

130.2480, -100.8190, -17.5790

Monochromacy



Original Color

142.4140, -88.5820, 8.4580

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1120, -32.3700, 2.9420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.4140, -88.5820, 8.4580 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(63, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(63, 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(63, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 161, 255) }
```

Border

The CSS property to change the border of an element to YIQ 142.4140, -88.5820, 8.4580 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(63, 161, 255) }
```


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

```
.border{ border-color:rgb(63, 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(63, 161, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(63, 161,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 142.4140, -88.5820, 8.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 161, 255) }
```

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

```
.background{ background-color: rgb(63, 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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