

# Converting Colors

YIQ(126.2160, -96.6520,  
11.5400)

Have a look what the booklet for  
YIQ(126.2160, -96.6520, 11.5400)  
contains.

<b>YIQ(126.2160, -96.6520, 11.5400)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(126.2160, -96.6520,  
11.5400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2991FD
RGB	41, 145, 253
RGB Percent	16%, 57%, 99%
CMY	0.8393, 0.4312, 0.0083
CMYK	0.84, 0.43, 0.00, 0.01
HSL	211°, 98%, 58%
HSV	211°, 84%, 99%
XYZ	28.7554, 27.8190, 96.6830
YIQ	126.2160, -96.6520, 11.5400

# Conversions

## Conversions Part 2

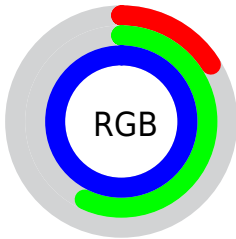
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 111, 253
Decimal	2724349
CIE <sub>Lab</sub>	59.72, 9.26, -61.67
CIE <sub>LCh</sub>	60, 62.363, 278.537
Yxy	27.8190, 0.1876, 0.1815
Android (android.graphics.Color)	4280914429 (0xFF2991FD)
YUV	126.2160, 62.5045, -74.7344
Hunter-Lab	52.7437, 5.0151, -71.7623

# Details

The YIQ color **126.2160, -96.6520, 11.5400** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **167.7840, 96.6520, -11.5400**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7740, -63.5930, 1.6150**, and **78.1090, -89.0410, 11.2710** is the 20% darker color. If you saturate the color by 10%, you get **111.1100, -107.9770, 13.0390**, and if you desaturate by 10%, it is **141.3220, -85.3270, 10.0410**.

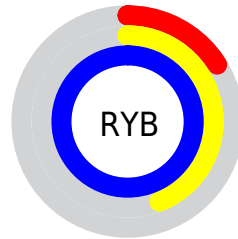
# Distribution



Red (16%)

Green (57%)

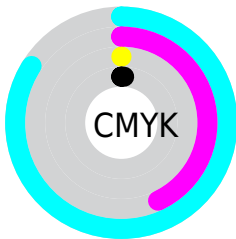
Blue (99%)



Red (16%)

Yellow (44%)

Blue (99%)

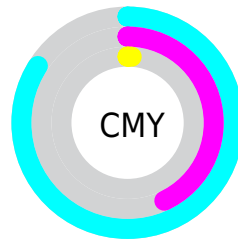


Cyan (84%)

Magenta (43%)

Yellow (0%)

Black (1%)



Cyan (84%)

Magenta (43%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 126.2160, -96.6520, 11.5400 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 126.2160, -96.6520, 11.5400 by changing the saturation by 10% instead.



■ 126.2160,  
-96.6520, 11.5400

■ 126.2160,  
-96.6520, 11.5400

■ 255.0000, -0.0000,  
-0.0000

■ 95.9760,  
-104.9040, 6.9040

■ 181.7740,  
-63.5930, 1.6150

■ 78.5820, -88.9950,  
10.4370

■ 208.0770,  
-51.6250, -6.0330

■ 62.0030, -74.0030,  
14.0690

■ 234.6680,  
-40.5280, -14.4160

■ 46.0110, -59.2860,  
17.1780

■ 243.9370,  
-22.0520, -7.8440

■ 31.8940, -45.7150,  
19.0290

■ 253.5050, -2.9800,  
-1.0600

■ 14.2550, -30.4940,  
24.0180

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,  
11.4930

■ 2.8670, -6.6950,  
5.6970

■ 126.2160,  
-96.6520, 11.5400

■ 126.2160,  
-96.6520, 11.5400

■ 111.1100,  
-107.9770, 13.0390

■ 141.3220,  
-85.3270, 10.0410

■ 101.6300,  
-115.3130, 13.8310

■ 156.7270,  
-73.4060, 8.7540

■ 171.8330,  
-62.0810, 7.2550

■ 186.9390,  
-50.7560, 5.7560

■ 201.4580,  
-39.1560, 4.7800

■ 216.8630,  
-27.2350, 3.4930

■ 231.9690,  
-15.9100, 1.9940

■ 247.0750, -4.5850,  
0.4950

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.



121.9640, -122.9660, -7.1740



126.2160, -96.6520, 11.5400



147.4680, -8.4440, 42.9160

# Triad

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



126.2160, -96.6520, 11.5400



139.9060, 85.8260, 19.4740



109.5430, -78.3460, -55.9300

# Complementary

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



126.2160, -96.6520, 11.5400



167.7840, 96.6520, -11.5400

# 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.



128.9220, -1.6420, -47.3540



126.2160, -96.6520, 11.5400



138.5350, 75.4240, -12.2880

# Square

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



126.2160, -96.6520, 11.5400



140.0080, 77.7520, 44.6640



134.0130, 49.5700, -39.3420



117.9160, -97.7890, -39.4610



# Rectangle

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



126.2160, -96.6520, 11.5400



147.1430, 29.3800, 51.2680



134.0130, 49.5700, -39.3420



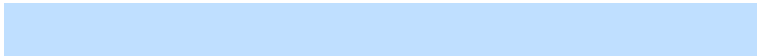
114.3900, -55.9260, -54.7580

# Sweetspot

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



126.2160, -96.6520, 11.5400



217.0800, -29.3440, 3.1680



177.5280, -92.3260, -77.9100



104.5990, -17.7440, 2.1920



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.



126.2160, -96.6520, 11.5400



102.4450, -116.2300, 13.9300



65.1680, -68.0520, 65.9320



120.0040, -5.8230, 0.9050



76.9520, -87.1610, 10.2390



25.4930, -29.0690, 3.6910



# Inverse Universe

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



116.2440, 92.9680, 77.2880



90.4950, 111.8550, 92.9350



228.8320, 68.0520, -65.9320



119.5710, 5.8220, 4.6220



67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090



# Previews

## White Background



This preview shows how the YIQ color 126.2160, -96.6520, 11.5400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

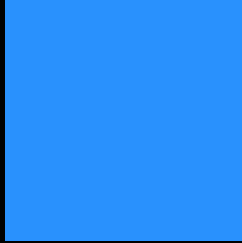
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 126.2160, -96.6520, 11.5400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

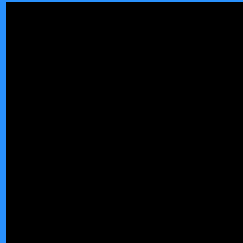
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

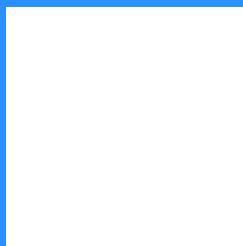
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 126.2160, -96.6520, 11.5400

## Background



This preview shows how black text looks on a background with the YIQ color 126.2160, -96.6520, 11.5400.



This preview shows how white text looks on a background with the YIQ color 126.2160, -96.6520,



# 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

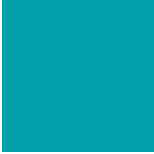
126.2160, -96.6520, 11.5400

### Protanopia

138.1560, -60.8920, 24.2600

### Deuteranopia

126.8140, -95.4600, 11.9640



## **Tritanopia**

112.7130, -98.2950, -30.2870

# Trichromacy



## Original Color

126.2160, -96.6520, 11.5400

## Protanomaly

133.5780, -74.0040, 19.5960

## Deuteranomaly

126.5150, -96.0560, 11.7520

## Tritanomaly

117.6830, -97.6100, -15.1620

# Monochromacy



## Original Color

126.2160, -96.6520, 11.5400

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.0840, -35.1670, 4.0730

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 126.2160, -96.6520, 11.5400 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(41, 145, 253)` looks like.

```
.text, #text, p{  
    color:rgb(41, 145, 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(41, 145, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 145, 253) }
```

## Border

The CSS property to change the border of an element to YIQ 126.2160, -96.6520, 11.5400 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(41, 145, 253) }
```



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

```
.border{ border-color:rgb(41, 145, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 145, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 145, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 145, 253);  
box-shadow:4px 4px 4px 4px rgb(41, 145,  
253) }
```

# Background

The CSS property to change the background color of an element to YIQ 126.2160, -96.6520, 11.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 145, 253) }
```

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

```
.background{ background-color: rgb(41, 145,  
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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