

# Converting Colors

YIQ(161.0600, -79.3180,  
-5.2540)

Have a look what the booklet for  
YIQ(161.0600, -79.3180, -5.2540)  
contains.

<b>YIQ(161.0600, -79.3180, -5.2540)</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(161.0600, -79.3180,  
-5.2540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52BAF0
RGB	82, 186, 240
RGB Percent	32%, 73%, 94%
CMY	0.6786, 0.2704, 0.0592
CMYK	0.66, 0.22, 0.00, 0.06
HSL	200°, 84%, 63%
HSV	200°, 66%, 94%
XYZ	36.7577, 43.2136, 88.7710
YIQ	161.0600, -79.3180, -5.2540

# Conversions

## Conversions Part 2

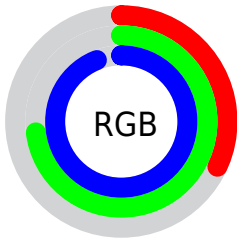
Format	Color
R <sub>YB</sub>	82, 145, 240
Decimal	5421808
CIE <sub>Lab</sub>	71.70, -13.73, -35.63
CIE <sub>LCh</sub>	72, 38.187, 248.925
Yxy	43.2136, 0.2178, 0.2561
Android (android.graphics.Color)	4283611888 (0xFF52BAF0)
YUV	161.0600, 38.9174, -69.3356
Hunter-Lab	65.7370, -15.2291, -34.0490

# Details

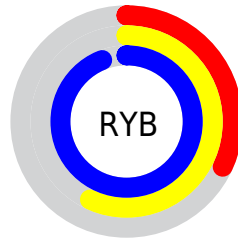
The YIQ color **161.0600, -79.3180, -5.2540** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **160.9400, 79.3180, 5.2540**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.7780, -61.3890, -16.3090**, and **99.0470, -95.6390, -12.3350** is the 20% darker color. If you saturate the color by 10%, you get **149.1880, -91.4220, -6.1580**, and if you desaturate by 10%, it is **172.9320, -67.2140, -4.3500**.

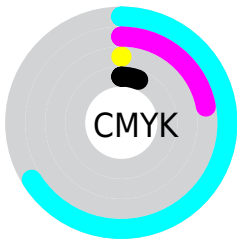
# Distribution



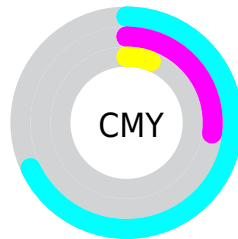
- Red (32%)
- Green (73%)
- Blue (94%)



- Red (32%)
- Yellow (57%)
- Blue (94%)



- Cyan (66%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (68%)
- Magenta (27%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 161.0600, -79.3180, -5.2540 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 161.0600, -79.3180, -5.2540 by changing the saturation by 10% instead.



■ 161.0600,  
-79.3180, -5.2540

■ 161.0600,  
-79.3180, -5.2540

■ 255.0000, -0.0000,  
-0.0000

■ 129.9450,  
-86.4240, -8.6320

■ 214.7780,  
-61.3890, -16.3090

■ 99.0470, -95.6390,  
-12.3350

■ 231.3790,  
-47.0840, -16.7480

■ 81.2940, -80.0970,  
-7.6570

■ 240.6480,  
-28.6080, -10.1760

■ 64.1280, -64.8300,  
-3.5020

■ 249.6180,  
-10.7280, -3.8160

■ 47.1900, -50.2050,  
1.2750

■ 32.0130, -36.4050,  
4.4830

■ 15.8900, -22.6970,

9.3590

■ 5.1640, -11.7850,  
9.8390

■ 1.1400, -3.2100,  
3.1100

■ 161.0600,  
-79.3180, -5.2540

■ 161.0600,  
-79.3180, -5.2540

■ 149.1880,  
-91.4220, -6.1580

■ 172.9320,  
-67.2140, -4.3500

■ 137.3160,  
-103.5260, -7.0620

■ 184.8040,  
-55.1100, -3.4460

■ 125.4440,  
-115.6300, -7.9660

■ 197.2630,  
-43.2810, -3.0650

■ 120.1060,  
-120.4900, -7.9940

■ 209.1350,  
-31.1770, -2.1610

■ 221.0070,  
-19.0730, -1.2570

■ 232.8790, -6.9690,  
-0.3530

■ 244.7510, 5.1350,  
0.5510

■ 250.9420, 5.9150,  
-2.5730

■ 253.2900, 4.8150,  
-4.6650

# Harmonies

## Analogous

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



146.2270, -105.4940, -26.4700



161.0600, -79.3180, -5.2540



173.8850, -41.4960, 14.1520

# Triad

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



161.0600, -79.3180, -5.2540



179.0440, 50.5670, 25.2150



168.0110, 0.3260, -27.9460

# Complementary

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



161.0600, -79.3180, -5.2540



160.9400, 79.3180, 5.2540

# 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.



172.4940, 29.9430, -19.5370



161.0600, -79.3180, -5.2540



177.1350, 57.0800, 11.8000

# Square

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



161.0600, -79.3180, -5.2540



180.3100, 29.5670, 31.3510



175.2890, 50.1140, -5.1340



161.6830, -36.8570, -31.3930



# Rectangle

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



161.0600, -79.3180, -5.2540



178.2690, -15.9140, 24.1020



175.2890, 50.1140, -5.1340



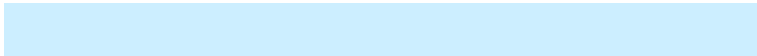
169.9260, 10.8710, -26.3210

# Sweetspot

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



161.0600, -79.3180, -5.2540



229.7720, -25.7210, -1.9210



180.7880, -60.4630, -66.1510



112.2740, -15.4510, -0.8190



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.



161.0600, -79.3180, -5.2540



154.3980, -100.8210, -6.5250



115.2740, -57.8680, 35.5400



114.0640, -6.0520, -0.4520



92.0030, -92.3390, -6.0590



28.1030, -28.1510, -1.9350



# Inverse Universe

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



141.0980, 60.7840, 65.8400



129.1470, 77.4240, 83.6640



206.7260, 57.8680, -35.5400



112.5000, 4.5840, 5.0320



68.8100, 70.8230, 76.6390

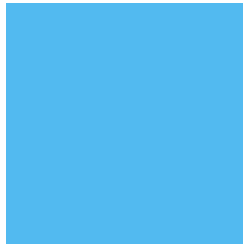


20.9620, 21.4990, 23.3790



# Previews

## White Background



This preview shows how the YIQ color 161.0600, -79.3180, -5.2540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

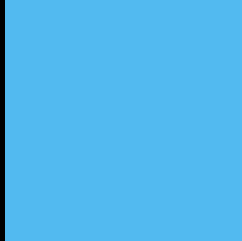
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 161.0600, -79.3180, -5.2540 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

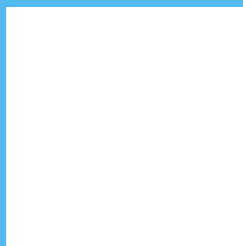
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 161.0600, -79.3180, -5.2540

## Background



This preview shows how black text looks on a background with the YIQ color 161.0600, -79.3180, -5.2540.



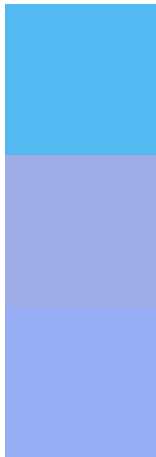
This preview shows how white text looks on a background with the YIQ color 161.0600, -79.3180, -5.2540.

-5.2540.

# 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

161.0600, -79.3180, -5.2540

### Protanopia

174.7250, -26.3660, 15.2820

### Deuteranopia

174.4020, -35.5820, 17.1060



## Tritanopia

155.4380, -81.1030, -22.4710

# Trichromacy



## Original Color

161.0600, -79.3180, -5.2540

## Protanomaly

169.7440, -45.7130, 7.9750

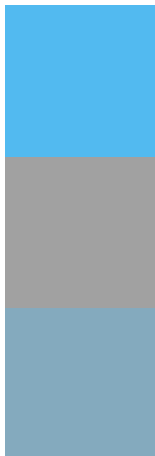
## Deuteranomaly

169.7480, -51.5360, 8.8800

## Tritanomaly

157.7250, -80.2330, -16.2090

# Monochromacy



## Original Color

161.0600, -79.3180, -5.2540

## Achromatopsia

161.0000, -0.0000, -0.0000

## Achromatomaly

160.9180, -29.0680, -1.8360

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 161.0600, -79.3180, -5.2540 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(82, 186, 240)` looks like.

```
.text, #text, p{  
    color:rgb(82, 186, 240)  
}
```

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(82, 186, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 186, 240) }
```

## Border

The CSS property to change the border of an element to YIQ 161.0600, -79.3180, -5.2540 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(82, 186, 240) }
```



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

```
.border{ border-color:rgb(82, 186, 240) }
```

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

Here you see how a box with a 4 pixel rgb(82, 186, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 186, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 186, 240);  
box-shadow:4px 4px 4px 4px rgb(82, 186,  
240) }
```

# Background

The CSS property to change the background color of an element to YIQ 161.0600, -79.3180, -5.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 186, 240) }
```

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

```
.background{ background-color: rgb(82, 186,  
240) }
```

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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