

# Converting Colors

YIQ(151.1600, 21.5420, 39.1260)

Have a look what the booklet for  
YIQ(151.1600, 21.5420, 39.1260)  
contains.

<b>YIQ(151.1600, 21.5420, 39.1260)</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(151.1600, 21.5420,  
39.1260)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C478C2
RGB	196, 120, 194
RGB Percent	77%, 47%, 76%
CMY	0.2311, 0.5295, 0.2392
CMYK	0.00, 0.39, 0.01, 0.23
HSL	302°, 39%, 62%
HSV	302°, 39%, 77%
XYZ	39.2311, 29.0642, 54.5854
YIQ	151.1600, 21.5420, 39.1260

# Conversions

## Conversions Part 2

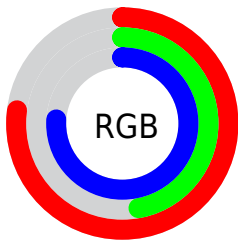
Format	Color
R <sub>Y</sub> B	196, 120, 194
Decimal	12875970
CIE Lab	60.84, 41.08, -26.40
CIE LCh	61, 48.830, 327.272
Yxy	29.0642, 0.3193, 0.2365
Android (android.graphics.Color)	4291066050 (0xFFC478C2)
YUV	151.1600, 21.1201, 39.3247
Hunter-Lab	53.9112, 35.5494, -22.2936

# Details

The YIQ color **151.1600, 21.5420, 39.1260** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **164.8400, -21.5420, -39.1260**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6980, 22.9630, 40.9070**, and **98.6220, 20.1210, 37.3450** is the 20% darker color. If you saturate the color by 10%, you get **139.3060, 27.3630, 49.2750**, and if you desaturate by 10%, it is **163.0140, 15.7210, 28.9770**.

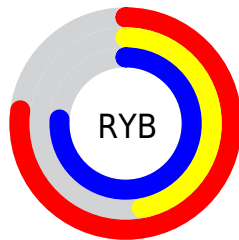
# Distribution



Red (77%)

Green (47%)

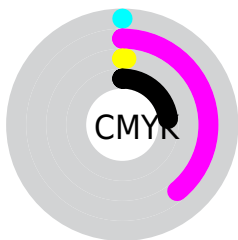
Blue (76%)



Red (77%)

Yellow (47%)

Blue (76%)

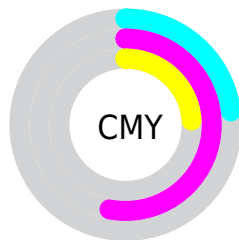


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (23%)



Cyan (23%)

Magenta (53%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 151.1600, 21.5420, 39.1260 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 151.1600, 21.5420, 39.1260 by changing the saturation by 10% instead.



151.1600, 21.5420,  
39.1260

151.1600, 21.5420,  
39.1260

255.0000, -0.0000,  
-0.0000

124.4480, 20.6710,  
38.3910

206.6980, 22.9630,  
40.9070

98.6220, 20.1210,  
37.3450

223.8890, 14.5750,  
27.7190

72.9100, 19.2500,  
36.6100

240.3250, 6.8750,  
13.0750

45.9640, 19.1580,  
38.2780

26.3610, 16.3620,  
33.8820

17.5740, 10.9080,  
22.5880

2.5080, -7.0620,

6.8420

■ 0.0000, 0.0000,  
0.0000

■ 151.1600, 21.5420,  
39.1260

■ 151.1600, 21.5420,  
39.1260

■ 139.3060, 27.3630,  
49.2750

■ 163.0140, 15.7210,  
28.9770

■ 128.1530, 32.5880,  
59.2120

■ 174.1670, 10.4960,  
19.0400

■ 116.2990, 38.4090,  
69.3610

■ 186.0210, 4.6750,  
8.8910

■ 105.1460, 43.6340,  
79.2980

■ 197.1740, -0.5500,  
-1.0460

■ 93.2920, 49.4550,  
89.4470

■ 209.0280, -6.3710,  
-11.1950

■ 81.5520, 54.9550,  
99.9070

■ 220.7680,  
-11.8710, -21.6550

■ 80.3780, 55.5050,  
100.9530

■ 230.8610,  
-16.8670, -30.2350

■ 230.9750,  
-17.1880, -29.9240

# Harmonies

## Analogous

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



148.7120, -24.3510, 28.3290



151.1600, 21.5420, 39.1260



148.6890, 53.5450, 37.3290

# Triad

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



151.1600, 21.5420, 39.1260



142.7640, 46.6780, -19.9620



119.7060, -105.5850, -30.3290

# Complementary

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



151.1600, 21.5420, 39.1260



164.8400, -21.5420, -39.1260

# 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.



114.6900, -91.4610, -44.0130



151.1600, 21.5420, 39.1260



138.5640, 14.5860, -33.0780

# Square

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



151.1600, 21.5420, 39.1260



145.2910, 64.9680, 1.0000



130.4630, -30.6660, -38.9700



120.6470, -115.1240, -17.1400



# Rectangle

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



151.1600, 21.5420, 39.1260



146.5790, 65.2380, 29.1580



130.4630, -30.6660, -38.9700



118.1100, -101.0910, -34.6830

# Sweetspot

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



151.1600, 21.5420, 39.1260



236.6890, 8.8460, 15.9020



128.9630, -23.8000, 23.8480



117.3200, 5.2710, 9.1030



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.



151.1600, 21.5420, 39.1260



184.2180, 33.9630, 61.8270



146.9420, 33.4190, 27.6190



91.1300, 2.7500, 5.2300



65.9230, 45.8800, 82.6480



13.5150, 9.3960, 16.9480



# Inverse Universe

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



151.1600, 21.5420, 39.1260



184.2180, 33.9630, 61.8270



169.0580, -33.4190, -27.6190



91.1300, 2.7500, 5.2300



65.9230, 45.8800, 82.6480



13.5150, 9.3960, 16.9480



# Previews

## White Background



This preview shows how the YIQ color 151.1600, 21.5420, 39.1260 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

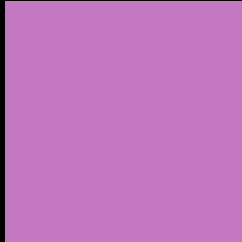
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 151.1600, 21.5420, 39.1260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

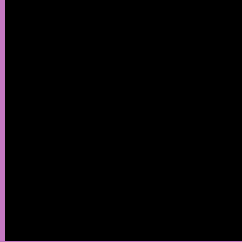
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 151.1600, 21.5420, 39.1260

## Background



This preview shows how black text looks on a background with the YIQ color 151.1600, 21.5420, 39.1260.



This preview shows how white text looks on a background with the YIQ color 151.1600, 21.5420,



# 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

151.1600, 21.5420, 39.1260

### Protanopia

146.7720, -33.7480, 16.9080

### Deuteranopia

148.2220, -17.7000, 12.4120



## Tritanopia

149.4820, 31.3580, 15.4060

# Trichromacy



## Original Color

151.1600, 21.5420, 39.1260

## Protanomaly

148.4650, -13.5300, 24.9500

## Deuteranomaly

149.4460, -3.3510, 22.1930

## Tritanomaly

150.1970, 28.1470, 24.0430

# Monochromacy



## Original Color

151.1600, 21.5420, 39.1260

## Achromatopsia

151.0000, -0.0000, 0.0000

## Achromatomaly

151.1510, 7.4250, 14.1210

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 151.1600, 21.5420, 39.1260 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(196, 120, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 120, 194)  
}
```

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(196, 120, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 120, 194) }
```

## Border

The CSS property to change the border of an element to YIQ 151.1600, 21.5420, 39.1260 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(196, 120, 194) }
```



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

```
.border{ border-color:rgb(196, 120, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 120, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 120, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 120, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 120,  
194) }
```

# Background

The CSS property to change the background color of an element to YIQ 151.1600, 21.5420, 39.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 120, 194) }
```

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

```
.background{ background-color: rgb(196,  
120, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor