

Converting Colors

YIQ(167.2920, -0.9490,
-76.4450)

Have a look what the booklet for
YIQ(167.2920, -0.9490, -76.4450)
contains.

YIQ(167.2920, -0.9490, -76.4450)	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(167.2920, -0.9490,
-76.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	77D926
RGB	119, 217, 38
RGB Percent	47%, 85%, 15%
CMY	0.5337, 0.1488, 0.8508
CMYK	0.45, 0.00, 0.82, 0.15
HSL	93°, 70%, 50%
HSV	93°, 82%, 85%
XYZ	32.7695, 53.7026, 10.4751
YIQ	167.2920, -0.9490, -76.4450

Conversions

Conversions Part 2

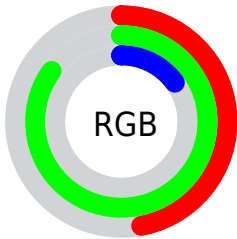
Format	Color
RYB	38, 217, 136
Decimal	7854374
CIELab	78.29, -55.81, 70.92
CIELCh	78, 90.250, 128.201
Yxy	53.7026, 0.3380, 0.5539
Android (android.graphics.Color)	4286044454 (0xFF77D926)
YUV	167.2920, -63.7410, -42.3521
Hunter-Lab	73.2820, -48.4239, 42.8224

Details

The YIQ color **167.2920, -0.9490, -76.4450** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **87.7080, 0.9490, 76.4450**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.3070, 3.8630, -64.5290**, and **111.2510, -10.8990, -72.3310** is the 20% darker color. If you saturate the color by 10%, you get **161.1960, -1.0390, -85.8310**, and if you desaturate by 10%, it is **173.3880, -0.8590, -67.0590**.

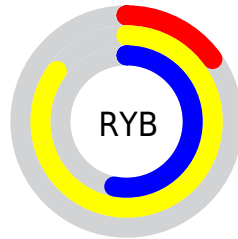
Distribution



Red (47%)

Green (85%)

Blue (15%)



Red (15%)

Yellow (85%)

Blue (53%)

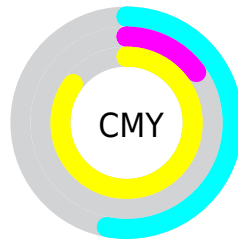


Cyan (45%)

Magenta (0%)

Yellow (82%)

Black (15%)



Cyan (53%)

Magenta (15%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.2920, -0.9490, -76.4450 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 167.2920, -0.9490, -76.4450 by changing the saturation by 10% instead.

167.2920, -0.9490,
-76.4450

167.2920, -0.9490,
-76.4450

255.0000, -0.0000,
-0.0000

137.5540, 1.0690,
-79.9790

214.4210, 3.5420,
-64.2180

111.2510,
-10.8990, -72.3310

226.5830, 12.4340,
-49.1500

79.5550, -35.0620,
-69.4460

239.1580, 21.6010,
-33.5590

63.3960, -29.7000,
-56.4840

247.1340, 22.1490,
-21.4590

48.7210, -22.8250,
-43.4090

250.5540, 12.5190,
-12.1290

34.0460, -15.9500,
-30.3340

253.8600, 3.2100,

20.5450, -9.6250,

-3.1100

-18.3050

■ 0.0000, 0.0000,
0.0000

■ 167.2920, -0.9490,
-76.4450

■ 167.2920, -0.9490,
-76.4450

■ 161.1960, -1.0390,
-85.8310

■ 173.3880, -0.8590,
-67.0590

■ 156.6810, -1.2670,
-92.7150

■ 179.3700, -0.4480,
-57.9840

■ 185.4660, -0.3580,
-48.5980

■ 191.5620, -0.2680,
-39.2120

■ 197.3590, -0.7740,
-30.0380

■ 203.3410, -0.3630,
-20.9630

■ 209.4370, -0.2730,
-11.5770

■ 215.5330, -0.1830,
-2.1910

■ 221.5150, 0.2280,
6.8840

Harmonies

Analogous

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



178.7280, 71.5810, -58.2990



167.2920, -0.9490, -76.4450



148.3140, -103.4670, -79.7470

Triad

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



167.2920, -0.9490, -76.4450



157.6230, -142.0800, -35.2320



154.7810, 68.6260, 55.8740

Complementary

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



167.2920, -0.9490, -76.4450



87.7080, 0.9490, 76.4450

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.



174.5810, 37.6750, 71.6510



167.2920, -0.9490, -76.4450



144.1220, -135.7550, -23.2030

Square

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



167.2920, -0.9490, -76.4450



164.0800, -145.1050, -40.9850



189.9660, 7.6490, 43.1130



161.5100, 86.8810, 16.8730

Rectangle

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



167.2920, -0.9490, -76.4450



156.8010, -123.2310, -62.9670



189.9660, 7.6490, 43.1130



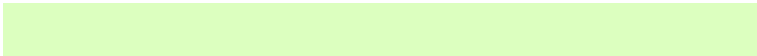
158.5600, 59.3630, 64.0590

Sweetspot

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



167.2920, -0.9490, -76.4450



237.2390, -0.3160, -27.3240



147.8730, 80.2840, -12.2600



117.2750, 0.0030, -16.5810



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.



167.2920, -0.9490, -76.4450



185.0100, -1.3560, -107.6280



143.7570, -51.1510, -91.7510



106.9520, -0.0450, -4.6930



124.8730, -1.0870, -73.9430



33.2810, -0.1340, -19.6060

Inverse Universe

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



87.7080, 0.9490, 76.4450



72.9900, 1.3560, 107.6280



111.2430, 51.1510, 91.7510



102.0480, 0.0450, 4.6930



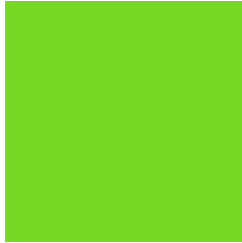
48.1270, 1.0870, 73.9430



12.7190, 0.1340, 19.6060

Previews

White Background



This preview shows how the YIQ color 167.2920, -0.9490, -76.4450 looks on a white background.

Color Contrast Check

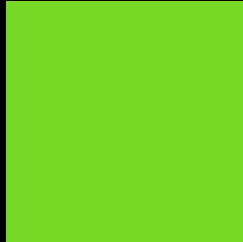
Large Text (above 18pt) WCAG AA × Fail

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 167.2920, -0.9490, -76.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

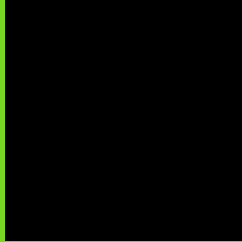
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.2920, -0.9490, -76.4450

Background



This preview shows how black text looks on a background with the YIQ color 167.2920, -0.9490, -76.4450.



This preview shows how white text looks on a background with the YIQ color 167.2920, -0.9490,

-76.4450.

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

167.2920, -0.9490, -76.4450

Protanopia

181.7080, 66.3060, -45.2940

Deuteranopia

185.9780, 75.0140, -26.8900



Tritanopia

186.7810, -39.1080, -7.1080

Trichromacy



Original Color

167.2920, -0.9490, -76.4450



Protanomaly

176.5690, 41.4120, -56.7000



Deuteranomaly

179.0680, 47.7370, -44.6710



Tritanomaly

179.6150, -24.9820, -31.8460

Monochromacy



Original Color

167.2920, -0.9490, -76.4450



Achromatopsia

167.0000, -0.0000, -0.0000



Achromatomaly

167.1250, 0.0050, -27.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.2920, -0.9490, -76.4450 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(119, 217, 38)` looks like.

```
.text, #text, p{  
    color:rgb(119, 217, 38)  
}
```

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(119, 217, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 217, 38) }
```

Border

The CSS property to change the border of an element to YIQ 167.2920, -0.9490, -76.4450 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(119, 217, 38) }
```


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

```
.border{ border-color:rgb(119, 217, 38) }
```

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

Here you see how a box with a 4 pixel rgb(119, 217, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 217, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 217, 38);  
box-shadow:4px 4px 4px 4px rgb(119, 217,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 167.2920, -0.9490, -76.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 217, 38) }
```

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

```
.background{ background-color: rgb(119,  
217, 38) }
```

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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