

Converting Colors

YIQ(106.7660, -14.1340,
68.9540)

Have a look what the booklet for
YIQ(106.7660, -14.1340, 68.9540)
contains.

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Color

**YIQ(106.7660, -14.1340,
68.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	8842F0
RGB	136, 66, 240
RGB Percent	53%, 26%, 94%
CMY	0.4664, 0.7413, 0.0590
CMYK	0.43, 0.73, 0.00, 0.06
HSL	264°, 85%, 60%
HSV	264°, 73%, 94%
XYZ	27.8322, 15.4215, 83.9099
YIQ	106.7660, -14.1340, 68.9540

Conversions

Conversions Part 2

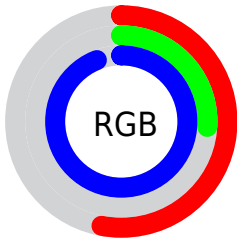
Format	Color
R _Y B	136, 66, 240
Decimal	8930032
CIE Lab	46.21, 63.90, -76.11
CIE LCh	46, 99.377, 310.014
Yxy	15.4215, 0.2189, 0.1213
Android (android.graphics.Color)	4287120112 (0xFF8842F0)
YUV	106.7660, 65.6844, 25.6382
Hunter-Lab	39.2703, 57.7862, -99.1975

Details

The YIQ color **106.7660, -14.1340, 68.9540** is a light color, and the websafe version is hex **6633CC**. The color can be described as light washed purple. A complement of this color would be **199.2340, 14.1340, -68.9540**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.1140, 1.9610, 58.0970**, and **42.9880, -14.6390, 72.6010** is the 20% darker color. If you saturate the color by 10%, you get **88.4920, -15.8780, 78.5380**, and if you desaturate by 10%, it is **125.0400, -12.3900, 59.3700**.

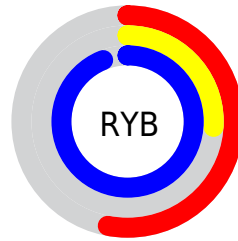
Distribution



Red (53%)

Green (26%)

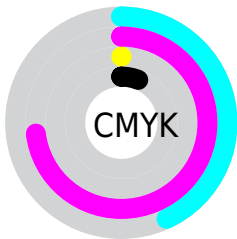
Blue (94%)



Red (53%)

Yellow (26%)

Blue (94%)

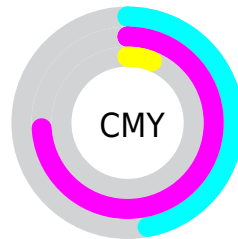


Cyan (43%)

Magenta (73%)

Yellow (0%)

Black (6%)



Cyan (47%)

Magenta (74%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.7660, -14.1340, 68.9540 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 106.7660, -14.1340, 68.9540 by changing the saturation by 10% instead.


 106.7660,
-14.1340, 68.9540


 106.7660,
-14.1340, 68.9540


255.0000, -0.0000,
-0.0000


 78.0540, -15.0050,
68.2190


 158.1140, 1.9610,
58.0970


 42.9880, -14.6390,
72.6010


 183.2320, 13.0120,
50.5480

 28.4340, -28.2990,
55.8370


 208.0400, 22.0000,
41.8400

 14.5920, -41.0880,
39.8080

 224.4760, 14.3000,
27.1960

 11.6280, -32.7420,
31.7220

 241.4990, 6.3250,
12.0290

 12.3000, -26.3670,
20.8090

 8.9770, -18.3880,

13.8680

■ 4.7080, -10.5010,
8.5950

■ 0.1140, -0.3210,
0.3110

■ 106.7660,
-14.1340, 68.9540

■ 106.7660,
-14.1340, 68.9540

■ 88.4920, -15.8780,
78.5380

■ 125.0400,
-12.3900, 59.3700

■ 69.9190, -18.2180,
87.9100

■ 143.6130,
-10.0500, 49.9980

■ 56.3630, -19.2280,
95.2040

■ 161.8870, -8.3060,
40.4140

■ 180.1610, -6.5620,
30.8300

198.7340, -4.2220,
21.4580

217.0080, -2.4780,
11.8740

235.2820, -0.7340,
2.2900

252.0940, 2.4310,
-5.5130

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.



95.9880, -113.2050, 19.6830



106.7660, -14.1340, 68.9540



85.8290, 78.9800, 99.5240

Triad

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



106.7660, -14.1340, 68.9540



101.6440, 82.6670, -5.8850



97.7980, -82.4770, -30.6130

Complementary

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



106.7660, -14.1340, 68.9540



199.2340, 14.1340, -68.9540

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.



86.2500, -52.7160, -57.8680



106.7660, -14.1340, 68.9540



100.0960, 33.3390, -37.0370

Square

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



106.7660, -14.1340, 68.9540



67.5740, 134.6960, 47.9120



76.8970, -36.0250, -68.5130



107.5050, -108.4320, -6.2560

Rectangle

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



106.7660, -14.1340, 68.9540



85.9520, 108.8300, 87.1820



76.8970, -36.0250, -68.5130



94.3780, -72.8470, -39.9430

Sweetspot

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



106.7660, -14.1340, 68.9540



212.2610, -4.2680, 22.2920



146.8840, -84.4540, -0.2780



102.0620, -2.5700, 13.5420



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.



106.7660, -14.1340, 68.9540



85.2180, -17.6220, 88.1220



132.7790, 37.7180, 87.3980



110.8630, -0.8720, 4.7920



43.1020, -14.9600, 72.9120



13.2610, -4.2680, 22.2920

Inverse Universe

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



129.8820, 70.3200, 69.2320



114.5400, 89.6190, 88.4270



173.2210, -37.7180, -87.3980



112.3860, 4.9050, 4.7210



67.5560, 74.3540, 73.2180



20.5060, 22.7830, 22.1350

Previews

White Background



This preview shows how the YIQ color 106.7660, -14.1340, 68.9540 looks on a white background.

Color Contrast Check

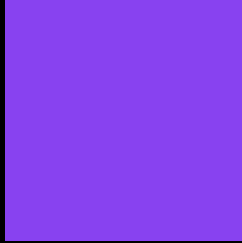
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 106.7660, -14.1340, 68.9540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

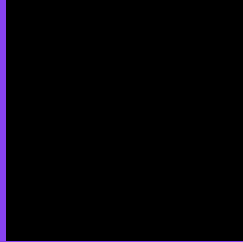
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.7660, -14.1340, 68.9540

Background



This preview shows how black text looks on a background with the YIQ color 106.7660, -14.1340, 68.9540.



This preview shows how white text looks on a background with the YIQ color 106.7660, -14.1340,

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

106.7660, -14.1340, 68.9540

Protanopia

87.0570, -100.4580, 14.4380

Deuteranopia

87.6320, -92.4320, 1.1360



Tritanopia

109.3140, -3.7600, 2.0640

Trichromacy



Original Color

106.7660, -14.1340, 68.9540



Protanomaly

94.1740, -69.3300, 34.0140



Deuteranomaly

94.2420, -64.0100, 25.7020



Tritanomaly

108.3410, -7.2490, 26.7590

Monochromacy



Original Color

106.7660, -14.1340, 68.9540



Achromatopsia

107.0000, -0.0000, 0.0000



Achromatomaly

106.9560, -4.7270, 25.1050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7660, -14.1340, 68.9540 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(136, 66, 240)` looks like.

```
.text, #text, p{  
    color:rgb(136, 66, 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(136, 66, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 66, 240) }
```

Border

The CSS property to change the border of an element to YIQ 106.7660, -14.1340, 68.9540 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(136, 66, 240) }
```


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

```
.border{ border-color:rgb(136, 66, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 66, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 66, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 66, 240);  
box-shadow:4px 4px 4px 4px rgb(136, 66,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7660, -14.1340, 68.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 66, 240) }
```

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

```
.background{ background-color: rgb(136, 66,  
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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