

# Converting Colors

YIQ(130.6110, -7.7090, 35.0990)

Have a look what the booklet for  
YIQ(130.6110, -7.7090, 35.0990)  
contains.

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# Color

**YIQ(130.6110, -7.7090,  
35.0990)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	916EC7
RGB	145, 110, 199
RGB Percent	57%, 43%, 78%
CMY	0.4312, 0.5687, 0.2197
CMYK	0.27, 0.45, 0.00, 0.22
HSL	264°, 44%, 61%
HSV	264°, 45%, 78%
XYZ	27.5635, 21.2940, 56.6748
YIQ	130.6110, -7.7090, 35.0990

# Conversions

## Conversions Part 2

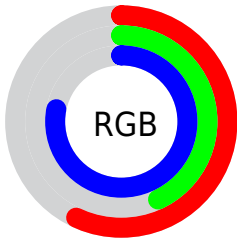
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 110, 199</a>
Decimal	<a href="#">9531079</a>
CIELab	<a href="#">53.27, 32.38, -41.45</a>
CIELCh	<a href="#">53, 52.598, 307.994</a>
Yxy	<a href="#">21.2940, 0.2612, 0.2018</a>
Android (android.graphics.Color)	<a href="#">4287721159</a> ( <a href="#">0xFF916EC7</a> )
YUV	<a href="#">130.6110, 33.7158, 12.6192</a>
Hunter-Lab	<a href="#">46.1455, 25.8667, -40.5168</a>

# Details

The YIQ color  $130.6110, -7.7090, 35.0990$  is a light color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $178.3890, 7.7090, -35.0990$ , and the grayscale version is  $130.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $184.2630, -6.6090, 37.1910$ , and  $79.8450, -8.4880, 32.6960$  is the 20% darker color. If you saturate the color by 10%, you get  $115.2830, -9.3610, 43.0150$ , and if you desaturate by 10%, it is  $145.9390, -6.0570, 27.1830$ .

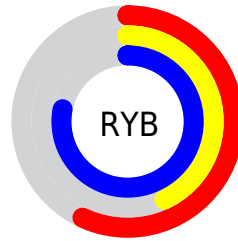
# Distribution



Red (57%)

Green (43%)

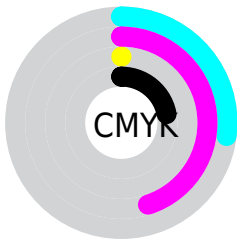
Blue (78%)



Red (57%)

Yellow (43%)

Blue (78%)

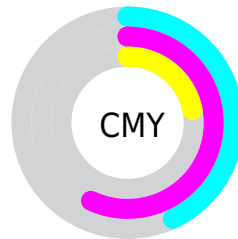


Cyan (27%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (43%)

Magenta (57%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 130.6110, -7.7090, 35.0990 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 130.6110, -7.7090, 35.0990 by changing the saturation by 10% instead.



130.6110, -7.7090,  
35.0990

130.6110, -7.7090,  
35.0990

255.0000, -0.0000,  
-0.0000

104.6710, -7.9380,  
33.7420

184.2630, -6.6090,  
37.1910

79.8450, -8.4880,  
32.6960

208.4840, 2.6540,  
29.0060

55.4920, -8.9920,  
30.8160

232.6940, 10.4500,  
19.8740

31.9540, -10.4130,  
29.0350

249.7170, 2.4750,  
4.7070

11.7530, -14.4010,  
24.2150

5.8310, -15.0410,  
13.7830

3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,  
0.0000

■ 130.6110, -7.7090,  
35.0990

■ 130.6110, -7.7090,  
35.0990

■ 115.2830, -9.3610,  
43.0150

■ 145.9390, -6.0570,  
27.1830

■ 99.9550, -11.0130,  
50.9310

■ 161.2670, -4.4050,  
19.2670

■ 84.6270, -12.6650,  
58.8470

■ 176.5950, -2.7530,  
11.3510

■ 69.2990, -14.3170,  
66.7630

■ 191.9230, -1.1010,  
3.4350

■ 54.5580, -16.2440,  
74.1560

■ 206.6640, 0.8260,  
-3.9580

46.0080, -17.3910,  
78.4250

221.9920, 2.4780,  
-11.8740

237.3200, 4.1300,  
-19.7900

244.7290, 10.2280,  
-20.1720

248.3170, 17.3800,  
-17.6280

# Harmonies

## Analogous

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



115.7210, -73.2690, 11.7790



130.6110, -7.7090, 35.0990



129.5810, 36.5340, 42.7580

# Triad

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



130.6110, -7.7090, 35.0990



124.1130, 62.1730, -8.9230



103.1950, -85.2730, -35.0090

# Complementary

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



130.6110, -7.7090, 35.0990



178.3890, 7.7090, -35.0990

# 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.



96.7770, -69.9570, -48.2690



130.6110, -7.7090, 35.0990



120.6610, 39.2980, -29.3900

# Square

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



130.6110, -7.7090, 35.0990



124.8980, 71.1090, 16.3650



115.2030, -0.6350, -38.0670



107.6240, -99.1220, -20.8020



# Rectangle

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



130.6110, -7.7090, 35.0990



126.5370, 57.0290, 40.2690



115.2030, -0.6350, -38.0670



101.4850, -80.4580, -39.6740

# Sweetspot

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



130.6110, -7.7090, 35.0990



229.6490, -2.8450, 13.0190



152.4310, -43.6940, -1.0860



111.7860, -1.9730, 8.2270



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.



130.6110, -7.7090, 35.0990



149.1770, -11.5180, 54.5780



143.7670, 18.5150, 44.4270



91.9230, -1.1010, 3.4350



37.7180, -14.1790, 64.2610



8.2900, -3.2120, 14.1640



# Inverse Universe

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



142.7670, 35.7100, 35.6620



167.8380, 55.2840, 55.3800



165.2330, -18.5150, -44.4270



93.3750, 3.4380, 3.7740



60.0230, 65.3690, 65.3450

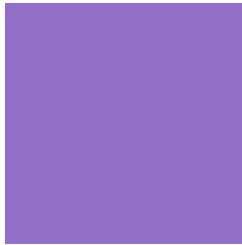


13.2720, 14.3940, 14.4740



# Previews

## White Background



This preview shows how the YIQ color 130.6110, -7.7090, 35.0990 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

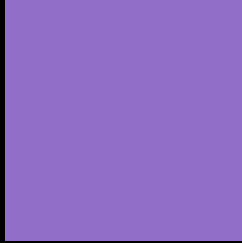
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 130.6110, -7.7090, 35.0990 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

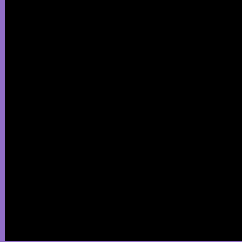
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 130.6110, -7.7090, 35.0990

## Background



This preview shows how black text looks on a background with the YIQ color 130.6110, -7.7090, 35.0990.



This preview shows how white text looks on a background with the YIQ color 130.6110, -7.7090,



# 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

130.6110, -7.7090, 35.0990

### Protanopia

124.1650, -47.9160, 20.3720

### Deuteranopia

124.5860, -42.0920, 13.9400



## Tritanopia

128.4180, 1.8790, 4.4950

# Trichromacy



## Original Color

130.6110, -7.7090, 35.0990

## Protanomaly

126.6400, -33.0160, 25.6720

## Deuteranomaly

126.8590, -29.4390, 21.4170

## Tritanomaly

129.4150, -2.0660, 15.4220

# Monochromacy



## Original Color

130.6110, -7.7090, 35.0990

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

130.6490, -2.8450, 13.0190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 130.6110, -7.7090, 35.0990 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(145, 110, 199)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 199)  
}
```

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(145, 110, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 199) }
```

## Border

The CSS property to change the border of an element to YIQ 130.6110, -7.7090, 35.0990 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(145, 110, 199) }
```



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

```
.border{ border-color:rgb(145, 110, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 110, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 110, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 110, 199);  
box-shadow:4px 4px 4px 4px rgb(145, 110,  
199) }
```

# Background

The CSS property to change the background color of an element to YIQ 130.6110, -7.7090, 35.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 199) }
```

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

```
.background{ background-color: rgb(145,  
110, 199) }
```

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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