

# Converting Colors

YIQ(130.7110, -4.2740, 55.4540)

Have a look what the booklet for  
YIQ(130.7110, -4.2740, 55.4540)  
contains.

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# Color

**YIQ(130.7110, -4.2740,  
55.4540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A160E6
RGB	161, 96, 230
RGB Percent	63%, 38%, 90%
CMY	0.3684, 0.6236, 0.0982
CMYK	0.30, 0.58, 0.00, 0.10
HSL	269°, 73%, 64%
HSV	269°, 58%, 90%
XYZ	33.1692, 21.6556, 77.2720
YIQ	130.7110, -4.2740, 55.4540

# Conversions

## Conversions Part 2

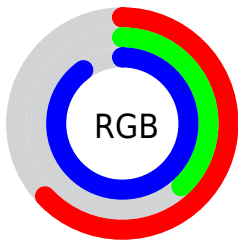
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 96, 230
Decimal	10576102
CIE <sub>Lab</sub>	53.66, 51.76, -58.29
CIE <sub>LCh</sub>	54, 77.958, 311.605
Yxy	21.6556, 0.2511, 0.1639
Android (android.graphics.Color)	4288766182 (0xFFA160E6)
YUV	130.7110, 48.9495, 26.5635
Hunter-Lab	46.5356, 45.7921, -65.8756

# Details

The YIQ color **130.7110, -4.2740, 55.4540** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **195.2890, 4.2740, -55.4540**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.0140, 7.6940, 47.8060**, and **76.7600, -5.9700, 53.1500** is the 20% darker color. If you saturate the color by 10%, you get **113.6220, -5.1010, 64.9390**, and if you desaturate by 10%, it is **147.8000, -3.4470, 45.9690**.

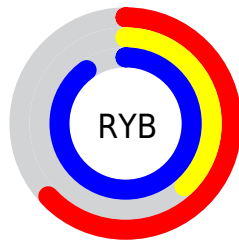
# Distribution



Red (63%)

Green (38%)

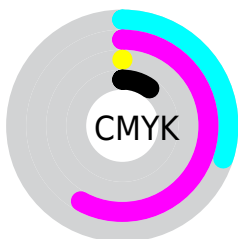
Blue (90%)



Red (63%)

Yellow (38%)

Blue (90%)

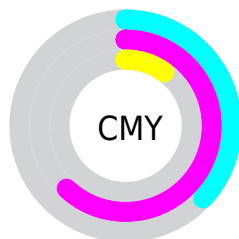


Cyan (30%)

Magenta (58%)

Yellow (0%)

Black (10%)



Cyan (37%)

Magenta (62%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 130.7110, -4.2740, 55.4540 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 130.7110, -4.2740, 55.4540 by changing the saturation by 10% instead.



■ 130.7110, -4.2740,  
55.4540

■ 130.7110, -4.2740,  
55.4540

■ 255.0000, -0.0000,  
-0.0000

■ 103.7710, -4.5030,  
54.0970

■ 182.0140, 7.6940,  
47.8060

■ 77.0590, -5.3740,  
53.3620

■ 206.8330, 18.1490,  
40.0450

■ 48.7600, -5.9700,  
53.1500

■ 225.6500, 13.7500,  
26.1500

■ 27.7330, -10.5080,  
47.2840

■ 242.0860, 6.0500,  
11.5060

■ 14.0050, -23.6180,  
31.5660

■ 7.9800, -22.4700,  
21.7700

■ 7.5920, -15.8660,

12.2140

■ 3.4370, -8.3000,  
7.2520

■ 0.0000, 0.0000,  
0.0000

■ 130.7110, -4.2740,  
55.4540

■ 130.7110, -4.2740,  
55.4540

■ 113.6220, -5.1010,  
64.9390

■ 147.8000, -3.4470,  
45.9690

■ 96.5330, -5.9280,  
74.4240

■ 164.8890, -2.6200,  
36.4840

■ 79.7430, -6.1590,  
84.1210

■ 181.9780, -1.7930,  
26.9990

■ 62.6540, -6.9860,  
93.6060

■ 198.7680, -1.5620,  
17.3020

■ 59.7080, -7.0780,  
95.2740

■ 215.8570, -0.7350,  
7.8170

■ 232.9460, 0.0920,  
-1.6680

■ 248.8610, 1.4690,  
-10.1070

■ 252.1500, 8.0250,  
-7.7750

# Harmonies

## Analogous

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



104.2060, -117.0550, 12.3610



130.7110, -4.2740, 55.4540



118.5810, 64.0380, 72.9500

# Triad

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



130.7110, -4.2740, 55.4540



120.1950, 82.0730, -17.1510



109.6010, -92.2880, -34.5280

# Complementary

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



130.7110, -4.2740, 55.4540



195.2890, 4.2740, -55.4540

# 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.



100.4470, -69.2680, -55.2520



130.7110, -4.2740, 55.4540



118.1260, 41.8220, -42.0980

# Square

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



130.7110, -4.2740, 55.4540



116.4690, 103.2940, 22.2860



101.2280, -12.0920, -67.2280



116.3100, -112.5570, -14.1010



# Rectangle

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



130.7110, -4.2740, 55.4540



107.4950, 93.5190, 72.8070



101.2280, -12.0920, -67.2280



106.9790, -84.9050, -41.6810

# Sweetspot

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



130.7110, -4.2740, 55.4540



223.1810, -1.2870, 17.8250



151.7790, -61.9890, 5.5870



108.5520, -1.1940, 10.6300



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.



130.7110, -4.2740, 55.4540



123.0060, -5.8820, 73.5900



150.7440, 35.6580, 69.6580



106.1620, -0.2760, 5.0040



46.4190, -5.6070, 74.1130



13.2890, -1.4710, 21.1610



# Inverse Universe

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



143.9320, 57.7150, 49.8670



140.5960, 76.8770, 66.0370



175.2560, -35.6580, -69.6580



107.2720, 5.2260, 4.4100



64.0090, 77.1520, 66.5600

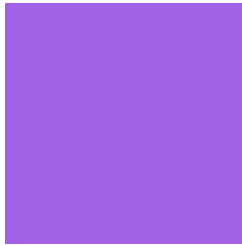


18.2130, 22.0500, 18.8980



# Previews

## White Background



This preview shows how the YIQ color 130.7110, -4.2740, 55.4540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

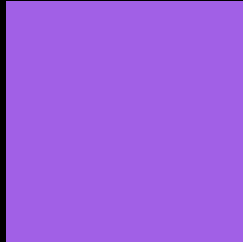
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 130.7110, -4.2740, 55.4540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

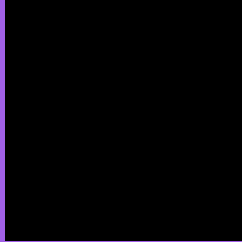
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 130.7110, -4.2740, 55.4540

## Background



This preview shows how black text looks on a background with the YIQ color 130.7110, -4.2740, 55.4540.



This preview shows how white text looks on a background with the YIQ color 130.7110, -4.2740,



# 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

130.7110, -4.2740, 55.4540

### Protanopia

114.4160, -90.9230, 23.3570

### Deuteranopia

117.2800, -76.3410, 12.3870



## Tritanopia

130.0060, 9.0310, 7.0390

# Trichromacy



## Original Color

130.7110, -4.2740, 55.4540



## Protanomaly

120.3770, -59.6560, 34.9040



## Deuteranomaly

122.5380, -50.1640, 28.0760



## Tritanomaly

130.3330, 4.3970, 24.9490

# Monochromacy



## Original Color

130.7110, -4.2740, 55.4540



## Achromatopsia

131.0000, -0.0000, -0.0000



## Achromatomaly

130.7620, -1.4250, 20.3270

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 130.7110, -4.2740, 55.4540 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(161, 96, 230)` looks like.

```
.text, #text, p{  
    color:rgb(161, 96, 230)  
}
```

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(161, 96, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 96, 230) }
```

## Border

The CSS property to change the border of an element to YIQ 130.7110, -4.2740, 55.4540 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(161, 96, 230) }
```



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

```
.border{ border-color:rgb(161, 96, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 96, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 96, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 96, 230);  
box-shadow:4px 4px 4px 4px rgb(161, 96,  
230) }
```

# Background

The CSS property to change the background color of an element to YIQ 130.7110, -4.2740, 55.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 96, 230) }
```

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

```
.background{ background-color: rgb(161, 96,  
230) }
```

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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