

# Converting Colors

YIQ(155.2070, -4.1760, 20.6240)

Have a look what the booklet for  
YIQ(155.2070, -4.1760, 20.6240)  
contains.

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# Color

**YIQ(155.2070, -4.1760,  
20.6240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A48FC3
RGB	164, 143, 195
RGB Percent	64%, 56%, 76%
CMY	0.3568, 0.4392, 0.2353
CMYK	0.16, 0.27, 0.00, 0.24
HSL	264°, 30%, 66%
HSV	264°, 27%, 76%
XYZ	34.9840, 31.4765, 55.8529
YIQ	155.2070, -4.1760, 20.6240

# Conversions

## Conversions Part 2

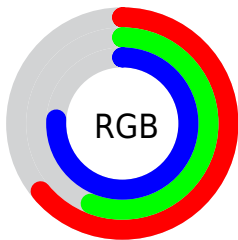
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 143, 195
Decimal	10784707
CIELab	62.91, 18.21, -24.05
CIELCh	63, 30.167, 307.126
Yxy	31.4765, 0.2860, 0.2573
Android (android.graphics.Color)	4288974787 (0xFFA48FC3)
YUV	155.2070, 19.6179, 7.7115
Hunter-Lab	56.1040, 13.1230, -19.7519

# Details

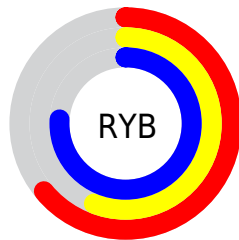
The YIQ color  $155.2070, -4.1760, 20.6240$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $182.7930, 4.1760, -20.6240$ , and the grayscale version is  $155.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $209.8480, -4.5430, 21.7690$ , and  $104.1530, -4.0840, 18.9560$  is the 20% darker color. If you saturate the color by 10%, you get  $139.8790, -5.8280, 28.5400$ , and if you desaturate by 10%, it is  $169.9480, -2.2490, 13.2310$ .

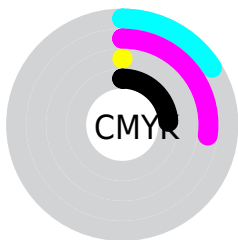
# Distribution



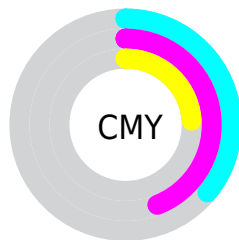
- Red (64%)
- Green (56%)
- Blue (76%)



- Red (64%)
- Yellow (56%)
- Blue (76%)



- Cyan (16%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (44%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 155.2070, -4.1760, 20.6240 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 155.2070, -4.1760, 20.6240 by changing the saturation by 10% instead.



■ 155.2070, -4.1760,  
20.6240

■ 155.2070, -4.1760,  
20.6240

255.0000, -0.0000,  
-0.0000

■ 128.7940, -4.4510,  
20.1010

■ 209.8480, -4.5430,  
21.7690

■ 104.1530, -4.0840,  
18.9560

■ 235.2970, 4.0780,  
14.2060

■ 79.6260, -4.0380,  
18.1220

254.4130, 0.2750,  
0.5230

■ 56.2130, -4.3130,  
17.5990

■ 33.9740, -5.1380,  
16.0300

■ 11.1100, -2.5250,  
18.2350

■ 3.2090, -7.6580,

6.6300

0.0000, 0.0000,  
0.0000

155.2070, -4.1760,  
20.6240

155.2070, -4.1760,  
20.6240

139.8790, -5.8280,  
28.5400

169.9480, -2.2490,  
13.2310

125.4370, -7.1590,  
36.1450

184.9770, -1.1930,  
5.1030

110.1090, -8.8110,  
44.0610

199.7180, 0.7340,  
-2.2900

95.6670, -10.1420,  
51.6660

214.7470, 1.7900,  
-10.4180

80.9260, -12.0690,  
59.0590

229.4880, 3.7170,  
-17.8110

■ 65.5980, -13.7210,  
66.9750

■ 241.8810, 6.7440,  
-23.1120

■ 51.1560, -15.0520,  
74.5800

■ 245.1700, 13.3000,  
-20.7800

■ 45.8510, -15.5110,  
77.3930

■ 248.1600, 19.2600,  
-18.6600

# Harmonies

## Analogous

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



150.8550, -32.7840, 10.4480



155.2070, -4.1760, 20.6240



156.4890, 21.4530, 24.2130

# Triad

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



155.2070, -4.1760, 20.6240



151.8950, 39.6600, -2.9000



137.8680, -53.1350, -22.7270

# Complementary

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



155.2070, -4.1760, 20.6240



182.7930, 4.1760, -20.6240

# 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.



142.5860, -26.0380, -23.7180



155.2070, -4.1760, 20.6240



150.1330, 23.8900, -14.4620

# Square

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



155.2070, -4.1760, 20.6240



153.7360, 45.0220, 10.0620



146.7110, 1.4710, -21.1610



135.7710, -68.6790, -16.3510



# Rectangle

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



155.2070, -4.1760, 20.6240



155.6660, 34.0160, 22.3040



146.7110, 1.4710, -21.1610



139.5330, -44.8820, -23.6180

# Sweetspot

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



155.2070, -4.1760, 20.6240



236.6720, -1.6520, 7.9160



167.1250, -25.2170, -0.0410



117.9770, -1.1930, 5.1030



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.



155.2070, -4.1760, 20.6240



190.6880, -6.6080, 31.6640



162.9810, 11.3200, 26.1360



89.3360, -0.8260, 3.9580



37.7890, -12.9410, 63.8510



7.6490, -2.8450, 13.0190



# Inverse Universe

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



162.0820, 21.0410, 20.6650



201.3920, 32.2720, 31.8880



175.0190, -11.3200, -26.1360



90.6740, 4.0340, 3.9860



59.0830, 65.1400, 63.9880

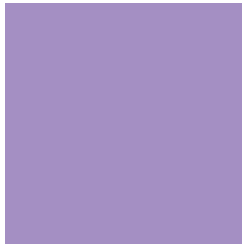


12.1470, 13.2480, 13.2160



# Previews

## White Background



This preview shows how the YIQ color 155.2070, -4.1760, 20.6240 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

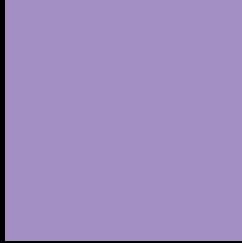
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 155.2070, -4.1760, 20.6240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

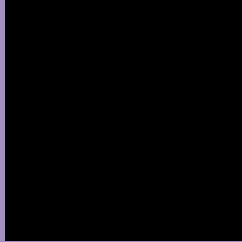
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 155.2070, -4.1760, 20.6240

## Background



This preview shows how black text looks on a background with the YIQ color 155.2070, -4.1760, 20.6240.



This preview shows how white text looks on a background with the YIQ color 155.2070, -4.1760,



# 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

155.2070, -4.1760, 20.6240

### Protanopia

152.4110, -22.6060, 13.2180

### Deuteranopia

152.9340, -16.8290, 13.1470



## Tritanopia

153.0590, 1.5120, 5.6400

# Trichromacy



## Original Color

155.2070, -4.1760, 20.6240

## Protanomaly

153.1130, -15.7750, 16.0730

## Deuteranomaly

153.8530, -12.1070, 15.6770

## Tritanomaly

153.8510, -0.5980, 10.8420

# Monochromacy



## Original Color

155.2070, -4.1760, 20.6240

## Achromatopsia

155.0000, -0.0000, 0.0000

## Achromatomaly

155.2590, -1.9270, 7.3930

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 155.2070, -4.1760, 20.6240 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(164, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(164, 143, 195)  
}
```

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(164, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 143, 195) }
```

## Border

The CSS property to change the border of an element to YIQ 155.2070, -4.1760, 20.6240 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(164, 143, 195) }
```



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

```
.border{ border-color:rgb(164, 143, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 143, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 143, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 143, 195);  
box-shadow:4px 4px 4px 4px rgb(164, 143,  
195) }
```

# Background

The CSS property to change the background color of an element to YIQ 155.2070, -4.1760, 20.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 143, 195) }
```

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

```
.background{ background-color: rgb(164,  
143, 195) }
```

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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