

Converting Colors

YIQ(169.3440, -20.4990,
24.5970)

Have a look what the booklet for
YIQ(169.3440, -20.4990, 24.5970)
contains.

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Color

**YIQ(169.3440, -20.4990,
24.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	A59FEA
RGB	165, 159, 234
RGB Percent	65%, 62%, 92%
CMY	0.3529, 0.3765, 0.0825
CMYK	0.29, 0.32, 0.00, 0.08
HSL	245°, 64%, 77%
HSV	245°, 32%, 92%
XYZ	42.7642, 38.7349, 83.0378
YIQ	169.3440, -20.4990, 24.5970

Conversions

Conversions Part 2

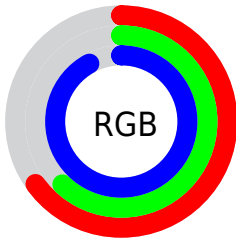
Format	Color
RYB	165, 159, 234
Decimal	10854378
CIELab	68.56, 18.66, -36.94
CIELCh	69, 41.380, 296.798
Yxy	38.7349, 0.2599, 0.2354
Android (android.graphics.Color)	4289044458 (0xFFA59FEA)
YUV	169.3440, 31.8754, -3.8097
Hunter-Lab	62.2374, 13.7344, -35.5392

Details

The YIQ color $169.3440, -20.4990, 24.5970$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $223.6560, 20.4990, -24.5970$, and the grayscale version is $169.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $220.7670, -8.9890, 14.2350$, and $116.8770, -20.6820, 22.4060$ is the 20% darker color. If you saturate the color by 10%, you get $149.5640, -26.6900, 32.1740$, and if you desaturate by 10%, it is $189.4230, -13.7120, 17.2320$.

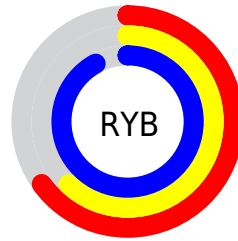
Distribution



Red (65%)

Green (62%)

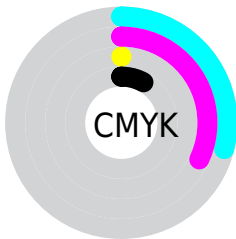
Blue (92%)



Red (65%)

Yellow (62%)

Blue (92%)

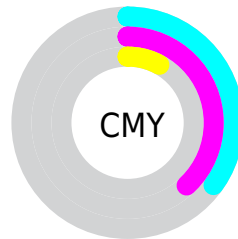


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (38%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.3440, -20.4990, 24.5970 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 169.3440, -20.4990, 24.5970 by changing the saturation by 10% instead.

■ 169.3440,
-20.4990, 24.5970

■ 169.3440,
-20.4990, 24.5970

■ 255.0000, -0.0000,
-0.0000

■ 142.8170,
-20.4530, 23.7630

■ 220.7670, -8.9890,
14.2350

■ 116.8770,
-20.6820, 22.4060

■ 246.1730, 1.1910,
5.9510

■ 91.3500, -20.6360,
21.5720

■ 67.1110, -21.4610,
20.0030

■ 43.7470, -23.4320,
17.1760

■ 19.7030, -29.3000,
13.3880

■ 5.9280, -16.6920,

16.1720

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 169.3440,
-20.4990, 24.5970

■ 169.3440,
-20.4990, 24.5970

■ 149.5640,
-26.6900, 32.1740

■ 189.4230,
-13.7120, 17.2320

■ 128.8980,
-33.2020, 40.0620

■ 209.7900, -7.7960,
9.1320

■ 108.8190,
-39.9890, 47.4270

■ 229.8690, -1.0090,
1.7670

■ 88.4520, -45.9050,
55.5270

■ 250.2360, 4.9070,
-6.3330

■ 68.3730, -52.6920,
62.8920

■ 252.6060, 6.7410,
-6.5310

■ 48.5930, -58.8830,
70.4690

■ 32.3570, -63.7900,
76.8020

Harmonies

Analogous

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



158.6370, -64.4650, 6.4070



169.3440, -20.4990, 24.5970



171.7310, 18.1960, 33.6840

Triad

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



169.3440, -20.4990, 24.5970



166.8110, 57.6320, 1.7920



144.0840, -71.8390, -36.1830

Complementary

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



169.3440, -20.4990, 24.5970



223.6560, 20.4990, -24.5970

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.



155.1590, -23.6980, -33.0900



169.3440, -20.4990, 24.5970



165.0610, 41.5880, -15.8200

Square

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



169.3440, -20.4990, 24.5970



168.7320, 60.0130, 19.2210



160.9540, 13.6680, -27.4520



131.9820, -115.3500, -35.0780

Rectangle

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



169.3440, -20.4990, 24.5970



171.1540, 38.8740, 33.3860



160.9540, 13.6680, -27.4520



148.8920, -53.6830, -34.8270

Sweetspot

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



169.3440, -20.4990, 24.5970



233.4480, -6.8330, 8.1990



208.6400, -43.3250, -13.2850



114.1230, -4.5400, 5.1880



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.



169.3440, -20.4990, 24.5970



171.4500, -26.3690, 31.8630



180.1080, 0.9570, 32.2290



107.5530, -2.9350, 3.6330



25.1190, -49.1610, 59.4710



7.3520, -14.9500, 17.6420

Inverse Universe

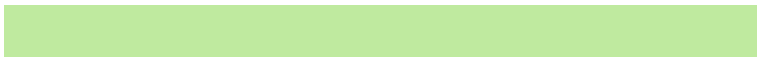
The Inverse Universe completely reimagines the original color for something new.



189.2910, 22.5510, 37.3590



197.1490, 29.2430, 48.2430



212.5930, -1.5530, -32.4410



110.4290, 3.3460, 5.4420



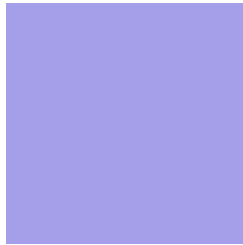
73.1570, 54.2690, 90.3090



21.7320, 16.4550, 26.6870

Previews

White Background



This preview shows how the YIQ color 169.3440, -20.4990, 24.5970 looks on a white background.

Color Contrast Check

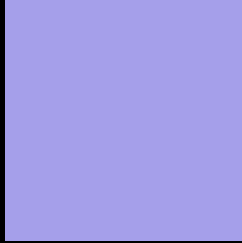
Large Text (above 18pt) WCAG AA × Fail

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 169.3440, -20.4990, 24.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

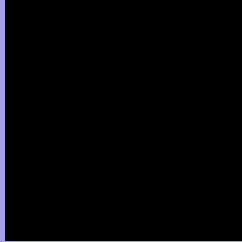
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.3440, -20.4990, 24.5970

Background



This preview shows how black text looks on a background with the YIQ color 169.3440, -20.4990, 24.5970.



This preview shows how white text looks on a background with the YIQ color 169.3440, -20.4990,

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

169.3440, -20.4990, 24.5970

Protanopia

167.0430, -35.9490, 18.2510

Deuteranopia

166.7720, -33.7480, 16.9080



Tritanopia

166.4100, -12.8380, 1.3860

Trichromacy



Original Color

169.3440, -20.4990, 24.5970

Protanomaly

168.1470, -30.3100, 20.6820

Deuteranomaly

167.6910, -29.0260, 19.4380

Tritanomaly

167.4240, -15.4530, 10.2350

Monochromacy



Original Color

169.3440, -20.4990, 24.5970

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.0890, -7.2000, 9.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.3440, -20.4990, 24.5970 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(165, 159, 234)` looks like.

```
.text, #text, p{  
    color:rgb(165, 159, 234)  
}
```

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(165, 159, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 159, 234) }
```

Border

The CSS property to change the border of an element to YIQ 169.3440, -20.4990, 24.5970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

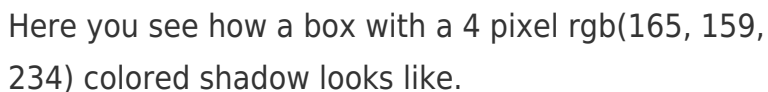
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 159, 234) }
```


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

```
.border{ border-color:rgb(165, 159, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 159, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 159, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 159, 234); box-shadow:4px 4px 4px 4px rgb(165, 159, 234) }
```

Background

The CSS property to change the background color of an element to YIQ 169.3440, -20.4990, 24.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 159, 234) }
```

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

```
.background{ background-color: rgb(165,  
159, 234) }
```

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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