

Converting Colors

YIQ(169.8290, -47.0900,
16.4140)

Have a look what the booklet for
YIQ(169.8290, -47.0900, 16.4140)
contains.

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Color

**YIQ(169.8290, -47.0900,
16.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	87ACFA
RGB	135, 172, 250
RGB Percent	53%, 67%, 98%
CMY	0.4706, 0.3254, 0.0199
CMYK	0.46, 0.31, 0.00, 0.02
HSL	221°, 92%, 75%
HSV	221°, 46%, 98%
XYZ	41.9910, 41.5593, 96.1992
YIQ	169.8290, -47.0900, 16.4140

Conversions

Conversions Part 2

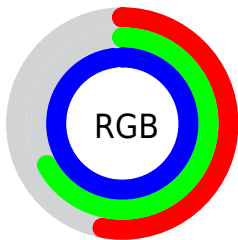
Format	Color
RYB	135, 163, 250
Decimal	8891642
CIELab	70.57, 7.68, -42.66
CIELCh	71, 43.346, 280.208
Yxy	41.5593, 0.2336, 0.2312
Android (android.graphics.Color)	4287081722 (0xFF87ACFA)
YUV	169.8290, 39.5243, -30.5450
Hunter-Lab	64.4665, 3.4517, -43.3481

Details

The YIQ color **169.8290, -47.0900, 16.4140** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **215.1710, 47.0900, -16.4140**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.0260, -29.2520, 1.5000**, and **115.4650, -49.0610, 13.5870** is the 20% darker color. If you saturate the color by 10%, you get **152.3750, -57.3150, 20.0050**, and if you desaturate by 10%, it is **187.2830, -36.8650, 12.8230**.

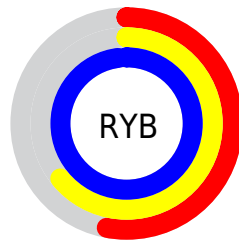
Distribution



Red (53%)

Green (67%)

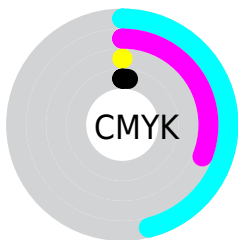
Blue (98%)



Red (53%)

Yellow (64%)

Blue (98%)

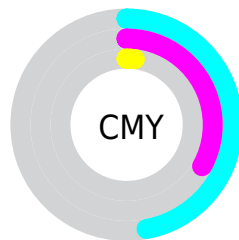


Cyan (46%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (47%)

Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.8290, -47.0900, 16.4140 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 169.8290, -47.0900, 16.4140 by changing the saturation by 10% instead.

■ 169.8290,
-47.0900, 16.4140

■ 169.8290,
-47.0900, 16.4140

■ 255.0000, -0.0000,
-0.0000

■ 142.5900,
-47.9150, 14.8450

■ 220.0260,
-29.2520, 1.5000

■ 115.4650,
-49.0610, 13.5870

■ 245.1330,
-19.6680, -6.9960

■ 89.0300, -52.2700,
11.1700

■ 254.1030, -1.7880,
-0.6360

■ 58.1100, -64.4190,
5.5730

■ 42.2320, -50.0230,
8.9930

■ 27.6420, -36.4980,
11.6780

■ 9.0570, -21.3690,

18.3350

■ 6.4350, -13.9860,
11.1820

■ 2.8670, -6.6950,
5.6970

■ 169.8290,
-47.0900, 16.4140

■ 169.8290,
-47.0900, 16.4140

■ 152.3750,
-57.3150, 20.0050

■ 187.2830,
-36.8650, 12.8230

■ 134.9210,
-67.5400, 23.5960

■ 204.7370,
-26.6400, 9.2320

■ 117.4670,
-77.7650, 27.1870

■ 222.1910,
-16.4150, 5.6410

■ 100.0130,
-87.9900, 30.7780

■ 239.6450, -6.1900,
2.0500

■ 82.5590, -98.2150,
34.3690

■ 254.4300, 1.6050,
-1.5550

■ 76.0470,
-102.5250, 35.3870

Harmonies

Analogous

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



150.7030, -100.3620, -9.3380



169.8290, -47.0900, 16.4140



176.7270, -2.3440, 31.4800

Triad

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



169.8290, -47.0900, 16.4140



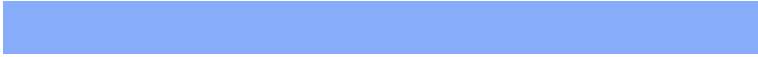
173.3700, 63.7280, 12.4640



155.2580, -46.0260, -35.9300

Complementary

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



169.8290, -47.0900, 16.4140



215.1710, 47.0900, -16.4140

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.



163.4080, -2.4700, -32.3420



169.8290, -47.0900, 16.4140



171.2740, 54.4700, -6.9860

Square

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



169.8290, -47.0900, 16.4140



175.1590, 57.6730, 28.5930



168.3430, 31.6860, -23.5940



134.3810, -112.4600, -43.4040

Rectangle

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



169.8290, -47.0900, 16.4140



177.4220, 23.5600, 35.5920



168.3430, 31.6860, -23.5940



158.8700, -30.2540, -35.4220

Sweetspot

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



169.8290, -47.0900, 16.4140



230.1480, -14.8560, 4.9200



211.2830, -56.3420, -36.1980



112.6170, -8.9870, 3.1810



0.0000, 0.0000, 0.0000



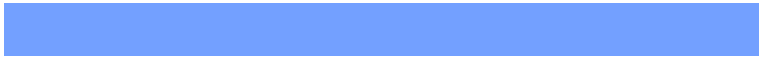
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



169.8290, -47.0900, 16.4140



157.3750, -57.3150, 20.0050



153.7910, -25.5910, 39.7930



115.8300, -5.2730, 1.9510



57.3530, -77.4440, 26.8760



18.6940, -25.0810, 8.5110

Inverse Universe

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



173.6030, 56.6630, 35.8870



161.9900, 68.9950, 43.6750



231.2090, 25.5910, -39.7930



116.3430, 6.4640, 4.0000



63.4650, 93.0630, 59.0390



20.5190, 29.9360, 19.1520

Previews

White Background



This preview shows how the YIQ color 169.8290, -47.0900, 16.4140 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 169.8290, -47.0900, 16.4140 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 169.8290, -47.0900, 16.4140

Background



This preview shows how black text looks on a background with the YIQ color 169.8290, -47.0900, 16.4140.



This preview shows how white text looks on a background with the YIQ color 169.8290, -47.0900,

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

169.8290, -47.0900, 16.4140

Protanopia

171.4280, -38.4710, 19.9050

Deuteranopia

170.7370, -43.8350, 17.9970



Tritanopia

165.1720, -41.7670, -8.4790

Trichromacy



Original Color

169.8290, -47.0900, 16.4140

Protanomaly

170.9330, -41.4510, 18.8450

Deuteranomaly

170.1390, -45.0270, 17.5730

Tritanomaly

166.4850, -43.7860, 0.5820

Monochromacy



Original Color

169.8290, -47.0900, 16.4140

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.0060, -17.3320, 5.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.8290, -47.0900, 16.4140 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(135, 172, 250)` looks like.

```
.text, #text, p{  
    color:rgb(135, 172, 250)  
}
```

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(135, 172, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 172, 250) }
```

Border

The CSS property to change the border of an element to YIQ 169.8290, -47.0900, 16.4140 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(135, 172, 250) }
```


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

```
.border{ border-color:rgb(135, 172, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 172, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 172, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 172, 250);  
box-shadow:4px 4px 4px 4px rgb(135, 172,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 169.8290, -47.0900, 16.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 172, 250) }
```

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

```
.background{ background-color: rgb(135,  
172, 250) }
```

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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