

Converting Colors

YIQ(129.4930, -37.0960,
22.5200)

Have a look what the booklet for
YIQ(129.4930, -37.0960, 22.5200)
contains.

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Color

**YIQ(129.4930, -37.0960,
22.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7DD1
RGB	108, 125, 209
RGB Percent	42%, 49%, 82%
CMY	0.5764, 0.5098, 0.1806
CMYK	0.48, 0.40, 0.00, 0.18
HSL	230°, 52%, 62%
HSV	230°, 48%, 82%
XYZ	25.0212, 22.4582, 63.3026
YIQ	129.4930, -37.0960, 22.5200

Conversions

Conversions Part 2

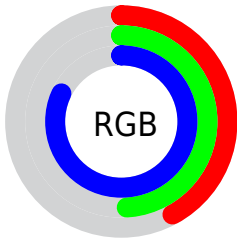
Format	Color
R _{YB}	108, 123, 209
Decimal	7110097
CIE _{Lab}	54.51, 16.53, -45.35
CIE _{LCh}	55, 48.272, 290.023
Yxy	22.4582, 0.2259, 0.2027
Android (android.graphics.Color)	4285300177 (0xFF6C7DD1)
YUV	129.4930, 39.1970, -18.8494
Hunter-Lab	47.3901, 11.3124, -46.0251

Details

The YIQ color $129.4930, -37.0960, 22.5200$ is a dark color, and the websafe version is hex $6699FF$. A complement of this color would be $187.5070, 37.0960, -22.5200$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.0050, -32.7860, 21.5020$, and $77.7050, -40.8090, 18.2230$ is the 20% darker color. If you saturate the color by 10%, you get $113.2350, -44.9370, 26.9590$, and if you desaturate by 10%, it is $145.7510, -29.2550, 18.0810$.

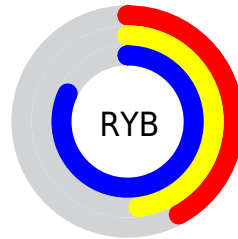
Distribution



Red (42%)

Green (49%)

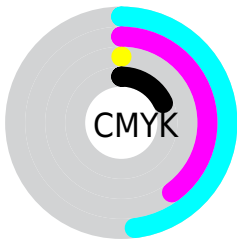
Blue (82%)



Red (42%)

Yellow (48%)

Blue (82%)

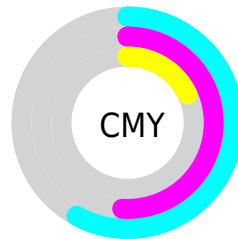


Cyan (48%)

Magenta (40%)

Yellow (0%)

Black (18%)



Cyan (58%)

Magenta (51%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.4930, -37.0960, 22.5200 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 129.4930, -37.0960, 22.5200 by changing the saturation by 10% instead.

■ 129.4930,
-37.0960, 22.5200

■ 129.4930,
-37.0960, 22.5200

■ 255.0000, -0.0000,
-0.0000

■ 103.2540,
-37.9210, 20.9510

■ 182.0050,
-32.7860, 21.5020

■ 77.7050, -40.8090,
18.2230

■ 207.1120,
-23.2020, 13.0060

■ 48.9810, -50.5740,
13.4740

■ 232.2190,
-13.6180, 4.5100

■ 30.9990, -41.8170,
14.4630

■ 254.1030, -1.7880,
-0.6360

■ 15.8220, -28.0170,
17.6710

■ 9.0910, -18.7090,
14.1790

■ 4.8220, -10.8220,

8.9060

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 129.4930,
-37.0960, 22.5200

■ 129.4930,
-37.0960, 22.5200

■ 113.2350,
-44.9370, 26.9590

■ 145.7510,
-29.2550, 18.0810

■ 96.3900, -52.5030,
31.9210

■ 162.5960,
-21.6890, 13.1190

■ 80.1320, -60.3440,
36.3600

■ 178.8540,
-13.8480, 8.6800

■ 63.8740, -68.1850,
40.7990

■ 195.6990, -6.2820,
3.7180

■ 47.3280, -75.1550,
45.9730

■ 211.6580, 0.9630,
-0.9330

■ 44.3710, -76.7140,
46.6940

■ 227.9160, 8.8040,
-5.3720

■ 244.7610, 16.3700,
-10.3340

■ 249.7560, 14.7660,
-14.3060

Harmonies

Analogous

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



105.7610, -106.2770, -6.7650



129.4930, -37.0960, 22.5200



134.6040, 11.3640, 36.3560

Triad

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



129.4930, -37.0960, 22.5200



128.5670, 64.3710, 6.3150



101.1600, -78.1650, -42.6850

Complementary

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



129.4930, -37.0960, 22.5200



187.5070, 37.0960, -22.5200

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.



116.8620, -18.6080, -37.2320



129.4930, -37.0960, 22.5200



126.5520, 50.3910, -15.6650

Square

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



129.4930, -37.0960, 22.5200



129.5140, 63.8630, 26.5430



123.4510, 22.3340, -30.3220



106.6490, -92.2430, -29.8350

Rectangle

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



129.4930, -37.0960, 22.5200



133.1740, 36.1220, 39.2100



123.4510, 22.3340, -30.3220



100.6570, -69.4990, -45.5550

Sweetspot

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



129.4930, -37.0960, 22.5200



226.6260, -13.2060, 8.0580



176.6350, -54.0970, -27.3210



110.2690, -7.8870, 5.2730



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.



129.4930, -37.0960, 22.5200



138.5470, -54.3830, 32.9530



129.0820, -13.3490, 38.1950



96.4280, -4.0810, 2.3750



35.5880, -61.6280, 37.6040



8.7830, -15.0860, 9.0900

Inverse Universe

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



140.1370, 54.7390, 26.6990



154.1020, 80.1830, 39.1510



187.9180, 13.3490, -38.1950



97.5170, 5.9140, 2.9540



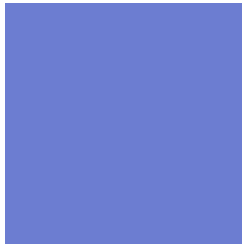
53.4240, 91.1400, 44.3240



13.0570, 22.1890, 10.8690

Previews

White Background



This preview shows how the YIQ color 129.4930, -37.0960, 22.5200 looks on a white background.

Color Contrast Check

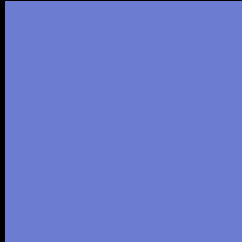
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.4930, -37.0960, 22.5200 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 129.4930, -37.0960, 22.5200

Background



This preview shows how black text looks on a background with the YIQ color 129.4930, -37.0960, 22.5200.

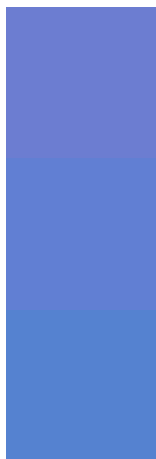


This preview shows how white text looks on a background with the YIQ color 129.4930, -37.0960,

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**

129.4930, -37.0960, 22.5200

Protanopia

127.6060, -44.8440, 19.7640

Deuteranopia

125.4370, -51.8580, 14.7180



Tritanopia

124.9020, -32.1390, -6.7550

Trichromacy



Original Color

129.4930, -37.0960, 22.5200

Protanomaly

128.1010, -41.8640, 20.8240

Deuteranomaly

126.6550, -46.5400, 17.4600

Tritanomaly

126.5680, -33.6540, 4.1860

Monochromacy



Original Color

129.4930, -37.0960, 22.5200

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3270, -13.8020, 7.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.4930, -37.0960, 22.5200 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(108, 125, 209)` looks like.

```
.text, #text, p{  
    color:rgb(108, 125, 209)  
}
```

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(108, 125, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 125, 209) }
```

Border

The CSS property to change the border of an element to YIQ 129.4930, -37.0960, 22.5200 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(108, 125, 209) }
```


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

```
.border{ border-color:rgb(108, 125, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 125, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 125, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 125, 209);  
box-shadow:4px 4px 4px 4px rgb(108, 125,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 129.4930, -37.0960, 22.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 125, 209) }
```

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

```
.background{ background-color: rgb(108,  
125, 209) }
```

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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