

Converting Colors

YIQ(114.5530, -37.3250,
21.1630)

Have a look what the booklet for
YIQ(114.5530, -37.3250, 21.1630)
contains.

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Color

**YIQ(114.5530, -37.3250,
21.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6FC0
RGB	92, 111, 192
RGB Percent	36%, 44%, 75%
CMY	0.6392, 0.5647, 0.2473
CMYK	0.52, 0.42, 0.00, 0.25
HSL	229°, 44%, 56%
HSV	229°, 52%, 75%
XYZ	19.6076, 17.4494, 52.1726
YIQ	114.5530, -37.3250, 21.1630

Conversions

Conversions Part 2

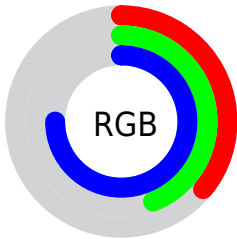
Format	Color
R _Y B	92, 108, 192
Decimal	6057920
CIE _{Lab}	48.82, 16.03, -44.74
CIE _{LCh}	49, 47.529, 289.716
Y _{xy}	17.4494, 0.2197, 0.1956
Android (android.graphics.Color)	4284248000 (0xFF5C6FC0)
Y _{UV}	114.5530, 38.1814, -19.7790
Hunter-Lab	41.7725, 10.6840, -44.8106

Details

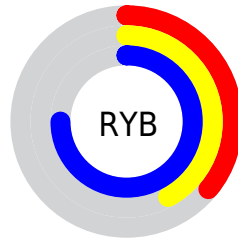
The YIQ color **114.5530, -37.3250, 21.1630** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **169.4470, 37.3250, -21.1630**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7320, -36.2710, 24.0890**, and **62.5690, -43.4220, 16.0180** is the 20% darker color. If you saturate the color by 10%, you get **99.4800, -44.2490, 25.5030**, and if you desaturate by 10%, it is **129.6260, -30.4010, 16.8230**.

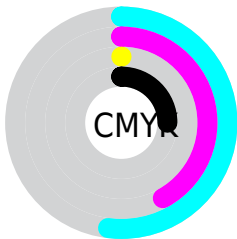
Distribution



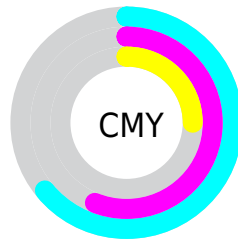
- Red (36%)
- Green (44%)
- Blue (75%)



- Red (36%)
- Yellow (42%)
- Blue (75%)



- Cyan (52%)
- Magenta (42%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (56%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.5530, -37.3250, 21.1630 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 114.5530, -37.3250, 21.1630 by changing the saturation by 10% instead.

■ 114.5530,
-37.3250, 21.1630

■ 114.5530,
-37.3250, 21.1630

■ 255.0000, -0.0000,
-0.0000

■ 88.7160, -39.3420,
19.1700

■ 167.7320,
-36.2710, 24.0890

■ 62.5690, -43.4220,
16.0180

■ 192.6370,
-28.9340, 17.7700

■ 37.4220, -47.5020,
12.8660

■ 217.7440,
-19.3500, 9.2740

■ 23.4190, -34.2520,
15.0280

■ 242.8510, -9.7660,
0.7780

■ 7.1820, -20.2230,
19.5930

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 114.5530,
-37.3250, 21.1630

■ 114.5530,
-37.3250, 21.1630

■ 99.4800, -44.2490,
25.5030

■ 129.6260,
-30.4010, 16.8230

■ 84.9940, -51.4480,
29.3200

■ 144.1120,
-23.2020, 13.0060

■ 69.6220, -58.9680,
33.4480

■ 159.4840,
-15.6820, 8.8780

■ 55.1360, -66.1670,
37.2650

■ 173.9700, -8.4830,
5.0610

■ 43.0200, -71.5320,
40.8840

■ 189.0430, -1.5590,
0.7210

■ 203.5290, 5.6400,
-3.0960

■ 218.6020, 12.5640,
-7.4360

■ 233.3870, 20.3590,
-11.0410

■ 245.4700, 21.3230,
-17.5010

Harmonies

Analogous

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



95.6050, -96.9700, -4.7300



114.5530, -37.3250, 21.1630



119.4790, 10.2180, 35.0980

Triad

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



114.5530, -37.3250, 21.1630



113.8980, 61.9410, 6.3010



90.6450, -69.2250, -39.5050

Complementary

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



114.5530, -37.3250, 21.1630



169.4470, 37.3250, -21.1630

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.



102.1010, -17.7830, -35.6630



114.5530, -37.3250, 21.1630



112.0680, 48.8780, -15.7780

Square

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



114.5530, -37.3250, 21.1630



114.4320, 61.1580, 26.0060



108.8640, 22.6090, -29.7990



95.4330, -82.7070, -26.4430

Rectangle

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



114.5530, -37.3250, 21.1630



118.1630, 34.6550, 38.2630



108.8640, 22.6090, -29.7990



88.5760, -64.7770, -43.0250

Sweetspot

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



114.5530, -37.3250, 21.1630



219.2560, -15.0400, 8.2560



159.8200, -53.1800, -27.4200



106.6710, -9.0790, 4.8490



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



114.5530, -37.3250, 21.1630



129.6930, -57.7300, 33.0380



112.3700, -14.2200, 37.4600



89.3140, -3.7600, 2.0640



36.5510, -60.2060, 33.8580



7.2840, -12.2430, 7.1250

Inverse Universe

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



124.0660, 53.5010, 27.1090



144.6510, 83.0710, 41.8790



171.6300, 14.2200, -37.4600



90.2180, 5.3180, 2.7420



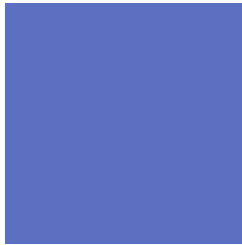
51.6730, 86.0050, 43.7730



10.5510, 17.7420, 8.8620

Previews

White Background



This preview shows how the YIQ color 114.5530, -37.3250, 21.1630 looks on a white background.

Color Contrast Check

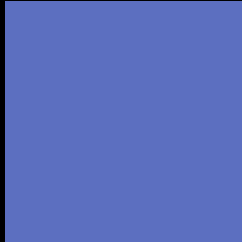
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 114.5530, -37.3250, 21.1630 looks on a black 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

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

YIQ 114.5530, -37.3250, 21.1630

Background



This preview shows how black text looks on a background with the YIQ color 114.5530, -37.3250, 21.1630.



This preview shows how white text looks on a background with the YIQ color 114.5530, -37.3250,

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

114.5530, -37.3250, 21.1630

Protanopia

112.9650, -44.4770, 18.6190

Deuteranopia

109.8990, -53.2790, 12.9370



Tritanopia

109.8910, -33.6060, -7.7020

Trichromacy



Original Color

114.5530, -37.3250, 21.1630

Protanomaly

113.4600, -41.4970, 19.6790

Deuteranomaly

111.4160, -47.3650, 15.8910

Tritanomaly

111.4430, -34.8000, 2.9280

Monochromacy



Original Color

114.5530, -37.3250, 21.1630

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2130, -13.4810, 7.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.5530, -37.3250, 21.1630 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(92, 111, 192)` looks like.

```
.text, #text, p{  
    color:rgb(92, 111, 192)  
}
```

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(92, 111, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 111, 192) }
```

Border

The CSS property to change the border of an element to YIQ 114.5530, -37.3250, 21.1630 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(92, 111, 192) }
```


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

```
.border{ border-color:rgb(92, 111, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 111, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 111, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 111, 192);  
box-shadow:4px 4px 4px 4px rgb(92, 111,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 114.5530, -37.3250, 21.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 111, 192) }
```

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

```
.background{ background-color: rgb(92, 111,  
192) }
```

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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