

Converting Colors

YIQ(141.0190, -44.5690,
20.2870)

Have a look what the booklet for
YIQ(141.0190, -44.5690, 20.2870)
contains.

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Color

**YIQ(141.0190, -44.5690,
20.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8CE1
RGB	111, 140, 225
RGB Percent	44%, 55%, 88%
CMY	0.5647, 0.4509, 0.1179
CMYK	0.51, 0.38, 0.00, 0.12
HSL	225°, 65%, 66%
HSV	225°, 51%, 88%
XYZ	29.5171, 27.5719, 74.9561
YIQ	141.0190, -44.5690, 20.2870

Conversions

Conversions Part 2

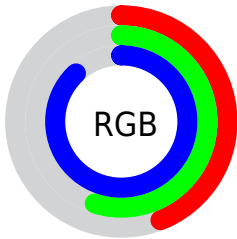
Format	Color
RYB	111, 134, 225
Decimal	7310561
CIELab	59.50, 13.16, -46.42
CIELCh	59, 48.253, 285.833
Yxy	27.5719, 0.2235, 0.2088
Android (android.graphics.Color)	4285500641 (0xFF6F8CE1)
YUV	141.0190, 41.4026, -26.3267
Hunter-Lab	52.5090, 8.4503, -47.8797

Details

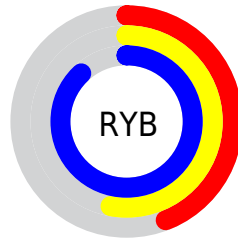
The YIQ color $141.0190, -44.5690, 20.2870$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $194.9810, 44.5690, -20.2870$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $192.5930, -34.8020, 13.9820$, and $87.3450, -48.6030, 16.3010$ is the 20% darker color. If you saturate the color by 10%, you get $124.4620, -53.0060, 24.5140$, and if you desaturate by 10%, it is $157.5760, -36.1320, 16.0600$.

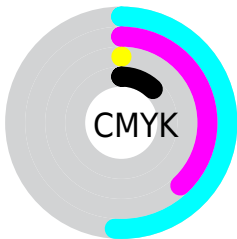
Distribution



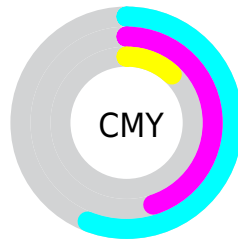
- Red (44%)
- Green (55%)
- Blue (88%)



- Red (44%)
- Yellow (53%)
- Blue (88%)



- Cyan (51%)
- Magenta (38%)
- Yellow (0%)
- Black (12%)



- Cyan (56%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.0190, -44.5690, 20.2870 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 141.0190, -44.5690, 20.2870 by changing the saturation by 10% instead.

■ 141.0190,
-44.5690, 20.2870

■ 141.0190,
-44.5690, 20.2870

■ 255.0000, -0.0000,
-0.0000

■ 114.4810,
-45.9900, 18.5060

■ 192.5930,
-34.8020, 13.9820

■ 87.3450, -48.6030,
16.3010

■ 217.7000,
-25.2180, 5.4860

■ 56.4140, -62.2190,
9.7570

■ 243.6930,
-15.3130, -3.3210

■ 40.2260, -49.8860,
12.0180

■ 25.6360, -36.3610,
14.7030

■ 7.6380, -21.5070,
20.8370

■ 6.7770, -14.9490,

12.1150

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 141.0190,
-44.5690, 20.2870

■ 141.0190,
-44.5690, 20.2870

■ 124.4620,
-53.0060, 24.5140

■ 157.5760,
-36.1320, 16.0600

■ 107.6060,
-62.0390, 28.5290

■ 174.4320,
-27.0990, 12.0450

■ 91.6360, -70.7510,
32.2330

■ 190.4020,
-18.3870, 8.3410

■ 74.7800, -79.7840,
36.2480

■ 207.2580, -9.3540,
4.3260

■ 59.1090, -87.9000,
40.1640

■ 223.8150, -0.9170,
0.0990

■ 240.6710, 8.1160,
-3.9160

■ 251.5800, 9.6300,
-9.3300

Harmonies

Analogous

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



116.0480, -114.5750, -10.5670



141.0190, -44.5690, 20.2870



147.6680, 5.3120, 35.9040

Triad

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



141.0190, -44.5690, 20.2870



142.2300, 66.9380, 9.3540



109.4750, -83.6660, -47.6180

Complementary

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



141.0190, -44.5690, 20.2870



194.9810, 44.5690, -20.2870

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.



131.3960, -11.3640, -36.3560



141.0190, -44.5690, 20.2870



140.4000, 53.8750, -12.7250

Square

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



141.0190, -44.5690, 20.2870



143.3940, 64.3210, 29.2570



137.0280, 28.0190, -28.7250



115.6650, -98.3400, -34.9800

Rectangle

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



141.0190, -44.5690, 20.2870



147.1350, 31.8580, 39.3940



137.0280, 28.0190, -28.7250



122.8400, -47.9050, -40.4250

Sweetspot

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



141.0190, -44.5690, 20.2870



226.6150, -14.6730, 7.1110



187.4940, -58.3140, -33.4980



110.5570, -8.7580, 4.5380



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.



141.0190, -44.5690, 20.2870



140.2640, -61.0760, 27.5960



132.0690, -20.5020, 41.1780



104.0150, -4.3560, 1.8520



46.4790, -68.8710, 31.2010



12.5160, -18.7080, 8.6520

Inverse Universe

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



148.3920, 58.6350, 33.1870



150.2040, 80.1360, 45.5120



203.9310, 20.5020, -41.1780



104.6310, 5.5930, 3.2650



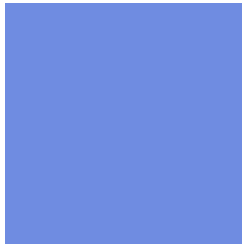
57.7540, 90.4510, 51.3070



15.7200, 24.7560, 13.9080

Previews

White Background



This preview shows how the YIQ color 141.0190, -44.5690, 20.2870 looks on a white background.

Color Contrast Check

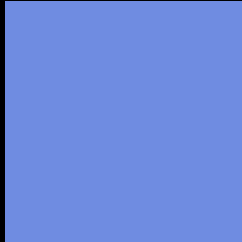
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.0190, -44.5690, 20.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

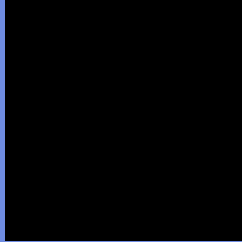
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.0190, -44.5690, 20.2870

Background



This preview shows how black text looks on a background with the YIQ color 141.0190, -44.5690, 20.2870.



This preview shows how white text looks on a background with the YIQ color 141.0190, -44.5690,

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

141.0190, -44.5690, 20.2870

Protanopia

141.0190, -44.5690, 20.2870

Deuteranopia

139.0780, -52.2250, 15.8630



Tritanopia

136.1290, -40.2080, -9.2000

Trichromacy



Original Color

141.0190, -44.5690, 20.2870

Protanomaly

141.0190, -44.5690, 20.2870

Deuteranomaly

139.6870, -49.5660, 17.2340

Tritanomaly

137.7950, -41.7230, 1.7410

Monochromacy



Original Color

141.0190, -44.5690, 20.2870

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.2450, -16.5070, 7.3090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.0190, -44.5690, 20.2870 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(111, 140, 225)` looks like.

```
.text, #text, p{  
    color:rgb(111, 140, 225)  
}
```

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(111, 140, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 140, 225) }
```

Border

The CSS property to change the border of an element to YIQ 141.0190, -44.5690, 20.2870 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(111, 140, 225) }
```


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

```
.border{ border-color:rgb(111, 140, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 140, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 140, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 140, 225); box-shadow:4px 4px 4px 4px rgb(111, 140, 225) }
```

Background

The CSS property to change the background color of an element to YIQ 141.0190, -44.5690, 20.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 140, 225) }
```

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

```
.background{ background-color: rgb(111,  
140, 225) }
```

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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