

Converting Colors

YIQ(131.2180, -46.2670,
29.0370)

Have a look what the booklet for
YIQ(131.2180, -46.2670, 29.0370)
contains.

YIQ(131.2180, -46.2670, 29.0370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(131.2180, -46.2670,
29.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	697DE8
RGB	105, 125, 232
RGB Percent	41%, 49%, 91%
CMY	0.5882, 0.5098, 0.0905
CMYK	0.55, 0.46, 0.00, 0.09
HSL	231°, 73%, 66%
HSV	231°, 55%, 91%
XYZ	27.7168, 23.4953, 79.3675
YIQ	131.2180, -46.2670, 29.0370

Conversions

Conversions Part 2

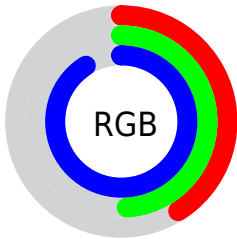
Format	Color
RYB	105, 122, 232
Decimal	6913512
CIELab	55.58, 23.04, -56.58
CIELCh	56, 61.092, 292.154
Yxy	23.4953, 0.2123, 0.1799
Android (android.graphics.Color)	4285103592 (0xFF697DE8)
YUV	131.2180, 49.6855, -22.9932
Hunter-Lab	48.4720, 17.2424, -63.1505

Details

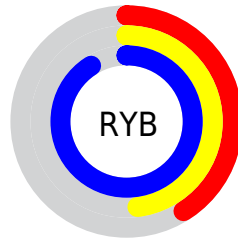
The YIQ color $131.2180, -46.2670, 29.0370$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $205.7820, 46.2670, -29.0370$, and the grayscale version is $131.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.0050, -32.7860, 21.5020$, and $76.6250, -55.0230, 22.5210$ is the 20% darker color. If you saturate the color by 10%, you get $112.6010, -54.4750, 34.6210$, and if you desaturate by 10%, it is $149.8350, -38.0590, 23.4530$.

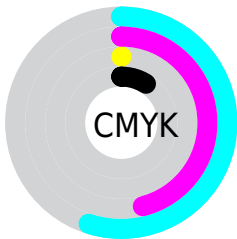
Distribution



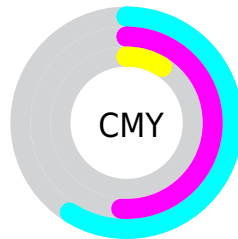
- Red (41%)
- Green (49%)
- Blue (91%)



- Red (41%)
- Yellow (48%)
- Blue (91%)



- Cyan (55%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.2180, -46.2670, 29.0370 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 131.2180, -46.2670, 29.0370 by changing the saturation by 10% instead.

■ 131.2180,
-46.2670, 29.0370

■ 131.2180,
-46.2670, 29.0370

■ 255.0000, -0.0000,
-0.0000

■ 103.9680,
-48.5590, 26.5210

■ 182.0050,
-32.7860, 21.5020

■ 76.6250, -55.0230,
22.5210

■ 207.1120,
-23.2020, 13.0060

■ 48.5700, -62.3580,
17.7860

■ 232.5180,
-13.0220, 4.7220

■ 33.8660, -48.5120,
20.1600

■ 254.4020, -1.1920,
-0.4240

■ 19.7490, -34.9410,
22.0110

■ 11.1430, -24.4870,
19.7770

■ 7.8200, -16.5080,

12.8360

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 131.2180,
-46.2670, 29.0370

■ 131.2180,
-46.2670, 29.0370

■ 112.6010,
-54.4750, 34.6210

■ 149.8350,
-38.0590, 23.4530

■ 94.5710, -62.9580,
39.6820

■ 167.8650,
-29.5760, 18.3920

■ 75.6550, -71.7620,
45.0540

■ 186.7810,
-20.7720, 13.0200

■ 57.6250, -80.2450,
50.1150

■ 204.8110,
-12.2890, 7.9590

■ 48.1670, -84.6470,
52.8010

■ 223.4280, -4.0810,
2.3750

■ 241.4580, 4.4020,
-2.6860

■ 252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



111.0730, -115.7230, -0.7710



131.2180, -46.2670, 29.0370



136.6900, 17.4140, 47.8620

Triad

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



131.2180, -46.2670, 29.0370



128.8260, 79.6390, 4.9430



105.4970, -80.7320, -45.7240

Complementary

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



131.2180, -46.2670, 29.0370



205.7820, 46.2670, -29.0370

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.



111.1710, -33.1400, -49.2040



131.2180, -46.2670, 29.0370



125.5470, 65.9820, -28.4020

Square

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



131.2180, -46.2670, 29.0370



128.1250, 81.3760, 34.0480



121.2430, 28.2510, -43.9490



112.3540, -98.6620, -29.1420

Rectangle

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



131.2180, -46.2670, 29.0370



132.9080, 49.0950, 51.9030



121.2430, 28.2510, -43.9490



102.8580, -74.6790, -50.7990

Sweetspot

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



131.2180, -46.2670, 29.0370



222.7830, -15.0860, 9.0900



191.6330, -68.9510, -33.4550



108.1980, -9.1250, 5.6830



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.



131.2180, -46.2670, 29.0370



121.4140, -61.0780, 38.6500



132.0360, -15.7350, 48.4010



105.5420, -4.4020, 2.6860



36.8420, -65.1590, 41.0250



10.5100, -18.5710, 11.6770

Inverse Universe

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



145.2530, 69.2720, 33.1440



140.1960, 91.7820, 43.7020



204.9640, 15.7350, -48.4010



106.8160, 6.5100, 3.1660



56.7130, 97.6960, 46.6560



16.1610, 27.8280, 13.3000

Previews

White Background



This preview shows how the YIQ color 131.2180, -46.2670, 29.0370 looks on a white background.

Color Contrast Check

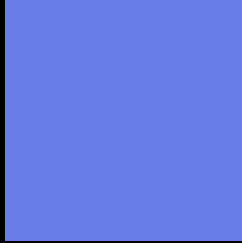
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2180, -46.2670, 29.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

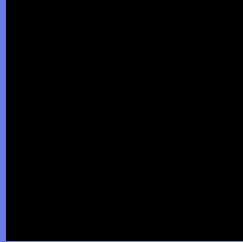
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.2180, -46.2670, 29.0370

Background



This preview shows how black text looks on a background with the YIQ color 131.2180, -46.2670, 29.0370.



This preview shows how white text looks on a background with the YIQ color 131.2180, -46.2670,

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

131.2180, -46.2670, 29.0370

Protanopia

127.1450, -62.3590, 23.3130

Deuteranopia

121.6220, -77.3040, 13.3200



Tritanopia

124.5200, -42.8670, -10.5710

Trichromacy



Original Color

131.2180, -46.2670, 29.0370

Protanomaly

128.8360, -56.9950, 25.2210

Deuteranomaly

125.3570, -66.0720, 19.0160

Tritanomaly

126.5930, -43.9700, 3.9180

Monochromacy



Original Color

131.2180, -46.2670, 29.0370

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.3530, -16.6910, 10.6450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.2180, -46.2670, 29.0370 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(105, 125, 232)` looks like.

```
.text, #text, p{  
    color:rgb(105, 125, 232)  
}
```

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(105, 125, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 125, 232) }
```

Border

The CSS property to change the border of an element to YIQ 131.2180, -46.2670, 29.0370 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(105, 125, 232) }
```


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

```
.border{ border-color:rgb(105, 125, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 125, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 125, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 125, 232);  
box-shadow:4px 4px 4px 4px rgb(105, 125,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 131.2180, -46.2670, 29.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 125, 232) }
```

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

```
.background{ background-color: rgb(105,  
125, 232) }
```

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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