

Converting Colors

YIQ(114.0690, -29.6700,
31.1140)

Have a look what the booklet for
YIQ(114.0690, -29.6700, 31.1140)
contains.

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Color

**YIQ(114.0690, -29.6700,
31.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	6966C8
RGB	105, 102, 200
RGB Percent	41%, 40%, 78%
CMY	0.5882, 0.6000, 0.2159
CMYK	0.47, 0.49, 0.00, 0.22
HSL	242°, 47%, 59%
HSV	242°, 49%, 78%
XYZ	20.9986, 16.6747, 56.7251
YIQ	114.0690, -29.6700, 31.1140

Conversions

Conversions Part 2

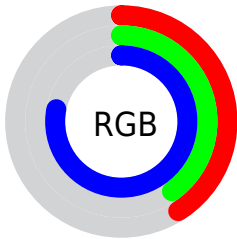
Format	Color
R _Y B	105, 102, 200
Decimal	6907592
CIE Lab	47.85, 27.06, -50.85
CIE LCh	48, 57.599, 298.021
Yxy	16.6747, 0.2224, 0.1766
Android (android.graphics.Color)	4285097672 (0xFF6966C8)
YUV	114.0690, 42.3640, -7.9535
Hunter-Lab	40.8346, 20.3302, -53.7780

Details

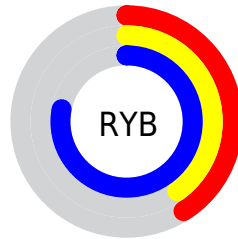
The YIQ color **114.0690, -29.6700, 31.1140** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **187.9310, 29.6700, -31.1140**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0200, -27.9740, 33.4180**, and **62.8680, -33.6580, 26.2940** is the 20% darker color. If you saturate the color by 10%, you get **96.6480, -35.4940, 37.5460**, and if you desaturate by 10%, it is **131.4900, -23.8460, 24.6820**.

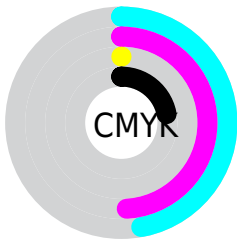
Distribution



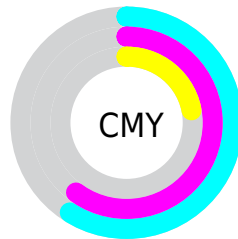
- Red (41%)
- Green (40%)
- Blue (78%)



- Red (41%)
- Yellow (40%)
- Blue (78%)



- Cyan (47%)
- Magenta (49%)
- Yellow (0%)
- Black (22%)



- Cyan (59%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.0690, -29.6700, 31.1140 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 114.0690, -29.6700, 31.1140 by changing the saturation by 10% instead.

■ 114.0690,
-29.6700, 31.1140

■ 114.0690,
-29.6700, 31.1140

■ 255.0000, -0.0000,
-0.0000

■ 88.4170, -30.7700,
29.0220

■ 167.0200,
-27.9740, 33.4180

■ 62.8680, -33.6580,
26.2940

■ 191.5400,
-18.1150, 25.4450

■ 34.4210, -45.7610,
19.8630

■ 216.0600, -8.2560,
17.4720

■ 18.9340, -34.0240,
21.9120

■ 242.0530, 1.6490,
8.6650

■ 7.8660, -22.1490,
21.4590

■ 7.5920, -15.8660,
12.2140

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 114.0690,
-29.6700, 31.1140

■ 114.0690,
-29.6700, 31.1140

■ 96.6480, -35.4940,
37.5460

■ 131.4900,
-23.8460, 24.6820

■ 78.9280, -41.9140,
43.7660

■ 149.2100,
-17.4260, 18.4620

■ 61.5070, -47.7380,
50.1980

■ 166.6310,
-11.6020, 12.0300

■ 44.0860, -53.5620,
56.6300

■ 184.3510, -5.1820,
5.8100

■ 26.3660, -59.9820,
62.8500

■ 201.7720, 0.6420,
-0.6220

■ 24.5940, -60.6240,
63.4720

■ 219.1930, 6.4660,
-7.0540

■ 236.9130, 12.8860,
-13.2740

■ 248.7300, 17.6550,
-17.1050

Harmonies

Analogous

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



94.4940, -100.7310, 2.8610



114.0690, -29.6700, 31.1140



115.5290, 25.1170, 45.9250

Triad

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



114.0690, -29.6700, 31.1140



109.1190, 71.2040, -1.8840



91.6710, -72.1140, -36.7060

Complementary

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



114.0690, -29.6700, 31.1140



187.9310, 29.6700, -31.1140

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.



84.2100, -55.2390, -50.6870



114.0690, -29.6700, 31.1140



106.1310, 52.5940, -28.0620

Square

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



114.0690, -29.6700, 31.1140



108.0870, 75.3710, 27.2350



101.2080, 18.1640, -42.8600



97.2570, -87.8430, -21.4670

Rectangle

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



114.0690, -29.6700, 31.1140



111.2410, 52.3510, 47.9590



101.2080, 18.1640, -42.8600



89.7330, -66.6570, -41.9930

Sweetspot

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



114.0690, -29.6700, 31.1140



221.6310, -11.6020, 12.0300



169.5240, -57.8580, -19.7300



107.6220, -7.3830, 7.1530



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.



114.0690, -29.6700, 31.1140



123.2960, -45.7660, 47.4980



128.4210, -1.0620, 41.2900



91.0260, -2.8890, 2.7990



20.0770, -49.3430, 51.7530



4.4030, -10.9600, 11.4080

Inverse Universe

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



142.1320, 27.9130, 50.3210



166.3800, 42.8550, 76.8950



173.5790, 1.0620, -41.2900



93.7170, 2.4750, 4.7070



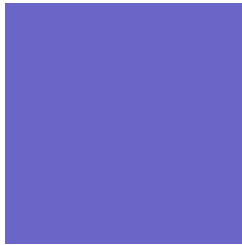
66.7490, 46.4300, 83.6940



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 114.0690, -29.6700, 31.1140 looks on a white background.

Color Contrast Check

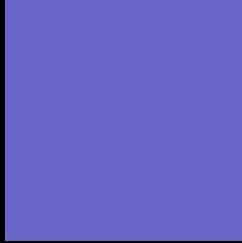
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.0690, -29.6700, 31.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

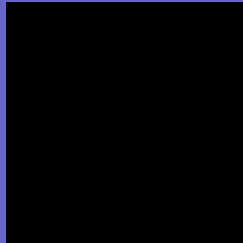
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.0690, -29.6700, 31.1140

Background



This preview shows how black text looks on a background with the YIQ color 114.0690, -29.6700, 31.1140.



This preview shows how white text looks on a background with the YIQ color 114.0690, -29.6700,

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

114.0690, -29.6700, 31.1140

Protanopia

107.4180, -58.8740, 20.7260

Deuteranopia

103.7170, -67.4460, 10.8740



Tritanopia

109.9740, -23.4740, -4.0980

Trichromacy



Original Color

114.0690, -29.6700, 31.1140

Protanomaly

109.8000, -48.1460, 24.5420

Deuteranomaly

107.1750, -53.8760, 18.2520

Tritanomaly

111.5090, -25.9980, 8.6100

Monochromacy



Original Color

114.0690, -29.6700, 31.1140

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2890, -10.6390, 11.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.0690, -29.6700, 31.1140 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, 102, 200)` looks like.

```
.text, #text, p{  
    color:rgb(105, 102, 200)  
}
```

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, 102, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 102, 200) }
```

Border

The CSS property to change the border of an element to YIQ 114.0690, -29.6700, 31.1140 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, 102, 200) }
```


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

```
.border{ border-color:rgb(105, 102, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 102, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 102, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 102, 200);  
box-shadow:4px 4px 4px 4px rgb(105, 102,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 114.0690, -29.6700, 31.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 102, 200) }
```

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

```
.background{ background-color: rgb(105,  
102, 200) }
```

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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