

Converting Colors

YIQ(113.1720, -31.4580,
30.4780)

Have a look what the booklet for
YIQ(113.1720, -31.4580, 30.4780)
contains.

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Color

**YIQ(113.1720, -31.4580,
30.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	6666C8
RGB	102, 102, 200
RGB Percent	40%, 40%, 78%
CMY	0.5999, 0.6000, 0.2159
CMYK	0.49, 0.49, 0.00, 0.22
HSL	240°, 47%, 59%
HSV	240°, 49%, 78%
XYZ	20.6520, 16.4962, 56.7078
YIQ	113.1720, -31.4580, 30.4780

Conversions

Conversions Part 2

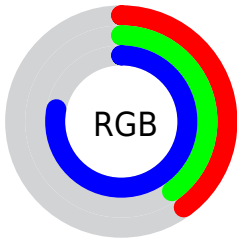
Format	Color
R_{YB}	102, 102, 200
Decimal	6710984
CIE _{Lab}	47.62, 26.37, -51.23
CIE _{LCh}	48, 57.616, 297.241
Yxy	16.4962, 0.2200, 0.1758
Android (android.graphics.Color)	4284901064 (0xFF6666C8)
YUV	113.1720, 42.8062, -9.7978
Hunter-Lab	40.6155, 19.6856, -54.3504

Details

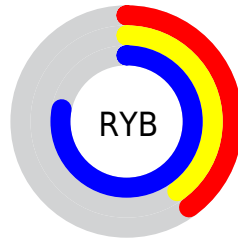
The YIQ color $113.1720, -31.4580, 30.4780$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $188.8280, 31.4580, -30.4780$, and the grayscale version is $113.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $166.1230, -29.7620, 32.7820$, and $61.6720, -36.0420, 25.4460$ is the 20% darker color. If you saturate the color by 10%, you get $95.4520, -37.8780, 36.6980$, and if you desaturate by 10%, it is $130.8920, -25.0380, 24.2580$.

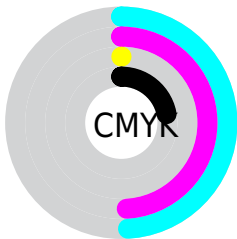
Distribution



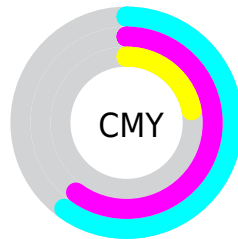
- Red (40%)
- Green (40%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.1720, -31.4580, 30.4780 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 113.1720, -31.4580, 30.4780 by changing the saturation by 10% instead.

■ 113.1720,
-31.4580, 30.4780

■ 113.1720,
-31.4580, 30.4780

■ 255.0000, -0.0000,
-0.0000

■ 87.5200, -32.5580,
28.3860

■ 166.1230,
-29.7620, 32.7820

■ 61.6720, -36.0420,
25.4460

■ 190.6430,
-19.9030, 24.8090

■ 33.5240, -47.5490,
19.2270

■ 215.1630,
-10.0440, 16.8360

■ 19.5210, -34.2990,
21.3890

■ 241.1560, -0.1390,
8.0290

■ 7.8660, -22.1490,
21.4590

■ 7.5920, -15.8660,
12.2140

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 113.1720,
-31.4580, 30.4780

■ 113.1720,
-31.4580, 30.4780

■ 95.4520, -37.8780,
36.6980

■ 130.8920,
-25.0380, 24.2580

■ 77.7320, -44.2980,
42.9180

■ 148.6120,
-18.6180, 18.0380

■ 60.0120, -50.7180,
49.1380

■ 166.3320,
-12.1980, 11.8180

■ 42.2920, -57.1380,
55.3580

■ 184.0520, -5.7780,
5.5980

■ 24.5720, -63.5580,
61.5780

■ 201.7720, 0.6420,
-0.6220

■ 22.8000, -64.2000,
62.2000

■ 219.4920, 7.0620,
-6.8420

■ 237.2120, 13.4820,
-13.0620

■ 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.



94.3800, -100.4100, 2.5500



113.1720, -31.4580, 30.4780



115.2300, 24.5210, 45.7130

Triad

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



113.1720, -31.4580, 30.4780



108.0590, 71.4330, -0.5270



91.4430, -71.4720, -37.3280

Complementary

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



113.1720, -31.4580, 30.4780



188.8280, 31.4580, -30.4780

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.



83.3950, -54.3220, -50.7860



113.1720, -31.4580, 30.4780



105.8430, 53.4650, -27.3270

Square

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



113.1720, -31.4580, 30.4780



107.6140, 75.3250, 28.0690



100.2790, 19.4020, -43.2700



97.0290, -87.2010, -22.0890

Rectangle

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



113.1720, -31.4580, 30.4780



110.7570, 50.8380, 47.8460



100.2790, 19.4020, -43.2700



88.9180, -65.7400, -42.0920

Sweetspot

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



113.1720, -31.4580, 30.4780



221.3320, -12.1980, 11.8180



170.6980, -58.4080, -20.7760



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.



113.1720, -31.4580, 30.4780



122.1000, -48.1500, 46.6500



127.8230, -2.2540, 40.8660



91.0260, -2.8890, 2.7990



18.5820, -52.3230, 50.6930



4.1040, -11.5560, 11.1960

Inverse Universe

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



142.4740, 26.9500, 51.2540



166.9500, 41.2500, 78.4500



174.1770, 2.2540, -40.8660



93.7170, 2.4750, 4.7070



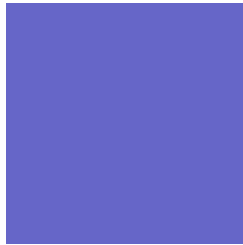
67.3190, 44.8250, 85.2490



14.8680, 9.9000, 18.8280

Previews

White Background



This preview shows how the YIQ color 113.1720, -31.4580, 30.4780 looks on a white background.

Color Contrast Check

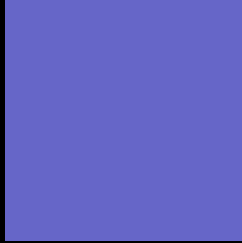
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.1720, -31.4580, 30.4780 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 113.1720, -31.4580, 30.4780

Background



This preview shows how black text looks on a background with the YIQ color 113.1720, -31.4580, 30.4780.



This preview shows how white text looks on a background with the YIQ color 113.1720, -31.4580, 30.4780.

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

113.1720, -31.4580, 30.4780

Protanopia

106.4180, -58.8740, 20.7260

Deuteranopia

101.9340, -69.5550, 10.5490



Tritanopia

108.7780, -25.8580, -4.9460

Trichromacy



Original Color

113.1720, -31.4580, 30.4780

Protanomaly

108.5010, -48.7420, 24.3300

Deuteranomaly

106.2780, -55.6640, 17.6160

Tritanomaly

110.6120, -27.7860, 7.9740

Monochromacy



Original Color

113.1720, -31.4580, 30.4780

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.1040, -11.5560, 11.1960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.1720, -31.4580, 30.4780 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(102, 102, 200)` looks like.

```
.text, #text, p{  
    color:rgb(102, 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(102, 102, 200) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YIQ 113.1720, -31.4580, 30.4780 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(102, 102, 200) }
```


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

```
.border{ border-color:rgb(102, 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(102, 102, 200)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YIQ 113.1720, -31.4580, 30.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(102,  
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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