

Converting Colors

YIQ(31.4050, -55.7180, 62.6660)

Have a look what the booklet for
YIQ(31.4050, -55.7180, 62.6660)
contains.

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Color

**YIQ(31.4050, -55.7180,
62.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	1106C8
RGB	17, 6, 200
RGB Percent	7%, 2%, 78%
CMY	0.9331, 0.9765, 0.2161
CMYK	0.91, 0.97, 0.00, 0.22
HSL	243°, 94%, 40%
HSV	243°, 97%, 78%
XYZ	10.7112, 4.4154, 54.8733
YIQ	31.4050, -55.7180, 62.6660

Conversions

Conversions Part 2

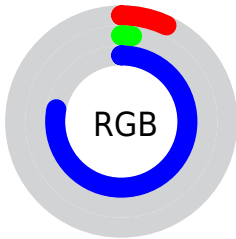
Format	Color
RYB	17, 6, 200
Decimal	1115848
CIELab	25.00, 64.79, -88.47
CIElCh	25, 109.655, 306.216
Yxy	4.4154, 0.1530, 0.0631
Android (android.graphics.Color)	4279305928 (0xFF1106C8)
YUV	31.4050, 83.1173, -12.6332
Hunter-Lab	21.0128, 54.2171, -140.1222

Details

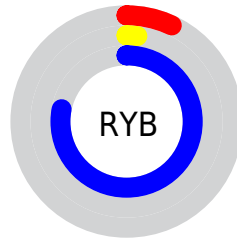
The YIQ color **31.4050, -55.7180, 62.6660** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **174.5950, 55.7180, -62.6660**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.1040, -35.6370, 67.6830**, and **16.4160, -46.2240, 44.7840** is the 20% darker color. If you saturate the color by 10%, you get **26.0890, -57.6440, 64.5320**, and if you desaturate by 10%, it is **48.8260, -49.8940, 56.2340**.

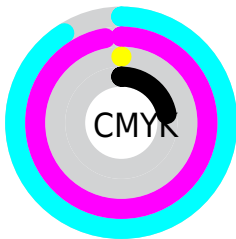
Distribution



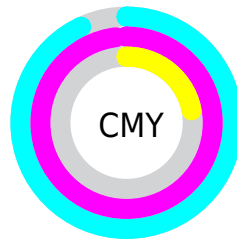
- Red (7%)
- Green (2%)
- Blue (78%)



- Red (7%)
- Yellow (2%)
- Blue (78%)



- Cyan (91%)
- Magenta (97%)
- Yellow (0%)
- Black (22%)



- Cyan (93%)
- Magenta (98%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.4050, -55.7180, 62.6660 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 31.4050, -55.7180, 62.6660 by changing the saturation by 10% instead.

■ 31.4050, -55.7180,
62.6660

■ 31.4050, -55.7180,
62.6660

■ 255.0000, -0.0000,
-0.0000

■ 19.6080, -55.2120,
53.4920

■ 100.1040,
-35.6370, 67.6830

■ 16.4160, -46.2240,
44.7840

■ 125.2330,
-23.1190, 61.0810

■ 13.3380, -37.5570,
36.3870

■ 150.6500,
-11.4720, 53.7440

■ 18.0050, -32.7860,
21.5020

■ 176.0670, 0.1750,
46.4070

■ 11.7470, -23.4320,
17.1760

■ 201.1850, 11.2260,
38.8580

■ 6.7770, -14.9490,
12.1150

■ 223.3020, 14.8500,


■ 3.0950, -7.3370,


28.2420


6.3190


 240.3250, 6.8750,
13.0750


 0.0000, 0.0000,
0.0000


 31.4050, -55.7180,
62.6660


 31.4050, -55.7180,
62.6660


 26.0890, -57.6440,
64.5320

 48.8260, -49.8940,
56.2340

 66.2470, -44.0700,
49.8020

 83.6680, -38.2460,
43.3700

 100.7900,
-33.0180, 36.7260

 118.2110,
-27.1940, 30.2940

■ 135.6320,
-21.3700, 23.8620

■ 153.0530,
-15.5460, 17.4300

■ 170.4740, -9.7220,
10.9980

■ 187.8950, -3.8980,
4.5660

Harmonies

Analogous

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



69.6410, -95.5100, 34.9060



31.4050, -55.7180, 62.6660



62.5460, 53.9510, 74.0390

Triad

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



31.4050, -55.7180, 62.6660



43.2340, 70.2830, 20.3230



57.3850, -47.2210, -19.7730

Complementary

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



31.4050, -55.7180, 62.6660



174.5950, 55.7180, -62.6660

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.



46.9600, -22.0000, -41.8400



31.4050, -55.7180, 62.6660



54.3230, 17.2430, -20.6530

Square

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



31.4050, -55.7180, 62.6660



50.2320, 100.1280, 35.6160



44.6120, -20.9000, -39.7480



68.6080, -74.6890, 4.4710

Rectangle

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



31.4050, -55.7180, 62.6660



63.4520, 85.9100, 62.0220



44.6120, -20.9000, -39.7480



53.3780, -37.3160, -28.5800

Sweetspot

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



31.4050, -55.7180, 62.6660



190.6320, -21.3700, 23.8620



136.1240, -112.8740, -35.8980



88.7280, -13.2530, 14.4190



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.



31.4050, -55.7180, 62.6660



33.5550, -72.9150, 82.4850



60.1090, 1.4980, 83.0180



91.0260, -2.8890, 2.7990



21.2730, -46.9590, 52.6010



4.7020, -10.3640, 11.6200

Inverse Universe

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



84.8680, 56.8810, 98.0410



103.6050, 74.9400, 128.7000



145.8910, -1.4980, -83.0180



93.7170, 2.4750, 4.7070



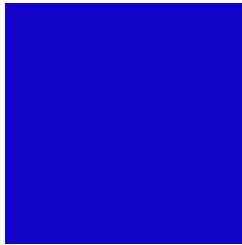
66.2930, 47.7140, 82.4500



14.6400, 10.5420, 18.2060

Previews

White Background



This preview shows how the YIQ color 31.4050, -55.7180, 62.6660 looks on a white background.

Color Contrast Check

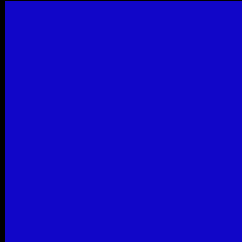
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 31.4050, -55.7180, 62.6660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.4050, -55.7180, 62.6660

Background



This preview shows how black text looks on a background with the YIQ color 31.4050, -55.7180, 62.6660.



This preview shows how white text looks on a background with the YIQ color 31.4050, -55.7180,

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

31.4050, -55.7180, 62.6660

Protanopia

48.6550, -55.7080, 7.3960

Deuteranopia

48.8370, -50.7090, -0.6050



Tritanopia

48.0100, -41.4910, -13.4830

Trichromacy



Original Color

31.4050, -55.7180, 62.6660

Protanomaly

42.4880, -55.8950, 27.3130

Deuteranomaly

42.2940, -52.5930, 22.5350

Tritanomaly

41.6610, -46.6770, 14.4350

Monochromacy



Original Color

31.4050, -55.7180, 62.6660

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.1760, -20.0860, 22.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.4050, -55.7180, 62.6660 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(17, 6, 200)` looks like.

```
.text, #text, p{  
    color:rgb(17, 6, 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(17, 6, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 6, 200) }
```

Border

The CSS property to change the border of an element to YIQ 31.4050, -55.7180, 62.6660 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(17, 6, 200) }
```


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

```
.border{ border-color:rgb(17, 6, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 6, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 6, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 6, 200);  
box-shadow:4px 4px 4px 4px rgb(17, 6, 200)  
}
```

Background

The CSS property to change the background color of an element to YIQ 31.4050, -55.7180, 62.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 6, 200) }
```

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

```
.background{ background-color: rgb(17, 6,  
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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