

Converting Colors

YIQ(171.3450, -31.4080, 7.5360)

Have a look what the booklet for
YIQ(171.3450, -31.4080, 7.5360)
contains.

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Color

**YIQ(171.3450, -31.4080,
7.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	92AFDB
RGB	146, 175, 219
RGB Percent	57%, 69%, 86%
CMY	0.4275, 0.3137, 0.1413
CMYK	0.33, 0.20, 0.00, 0.14
HSL	216°, 50%, 72%
HSV	216°, 33%, 86%
XYZ	39.9654, 41.8871, 72.9685
YIQ	171.3450, -31.4080, 7.5360

Conversions

Conversions Part 2

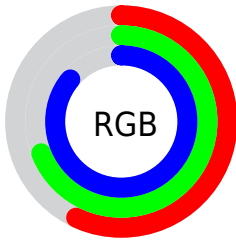
Format	Color
RYB	146, 167, 219
Decimal	9613275
CIELab	70.79, 0.48, -25.38
CIELCh	71, 25.382, 271.080
Yxy	41.8871, 0.2581, 0.2706
Android (android.graphics.Color)	4287803355 (0xFF92AFDB)
YUV	171.3450, 23.4939, -22.2276
Hunter-Lab	64.7202, -3.0349, -21.5420

Details

The YIQ color **171.3450, -31.4080, 7.5360** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **193.6550, 31.4080, -7.5360**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.4780, -24.7130, 1.8390**, and **118.7040, -31.0410, 6.3910** is the 20% darker color. If you saturate the color by 10%, you get **157.1360, -40.9450, 9.6710**, and if you desaturate by 10%, it is **185.5540, -21.8710, 5.4010**.

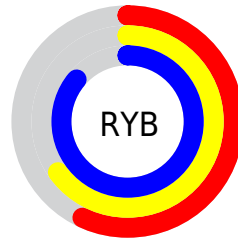
Distribution



Red (57%)

Green (69%)

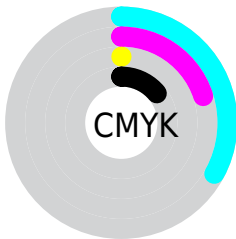
Blue (86%)



Red (57%)

Yellow (65%)

Blue (86%)

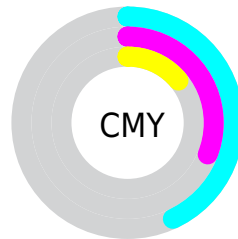


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (43%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.3450, -31.4080, 7.5360 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 171.3450, -31.4080, 7.5360 by changing the saturation by 10% instead.

■ 171.3450,
-31.4080, 7.5360

■ 171.3450,
-31.4080, 7.5360

■ 255.0000, -0.0000,
-0.0000

■ 144.2310,
-31.0870, 7.2250

■ 224.4780,
-24.7130, 1.8390

■ 118.7040,
-31.0410, 6.3910

■ 247.5250,
-14.9000, -5.3000

■ 93.1770, -30.9950,
5.5570

■ 68.4650, -31.8660,
4.8220

■ 43.1330, -36.8630,
1.7690

■ 25.4930, -29.0690,
3.6910

■ 7.7230, -14.8570,

10.4470

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 171.3450,
-31.4080, 7.5360

■ 171.3450,
-31.4080, 7.5360

■ 157.1360,
-40.9450, 9.6710

■ 185.5540,
-21.8710, 5.4010

■ 142.9270,
-50.4820, 11.8060

■ 199.7630,
-12.3340, 3.2660

■ 128.1310,
-59.7440, 14.4640

■ 214.5590, -3.0720,
0.6080

■ 113.9220,
-69.2810, 16.5990

■ 228.7680, 6.4650,
-1.5270

■ 100.0120,
-78.2220, 18.9460

■ 242.6780, 15.4060,
-3.8740

■ 85.8030, -87.7590,
21.0810

■ 250.3090, 11.8310,
-10.6730

■ 76.0350, -94.2240,
22.6080

■ 250.8960, 11.5560,
-11.1960

Harmonies

Analogous

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



166.0990, -48.6910, -4.1390



171.3450, -31.4080, 7.5360



175.5330, -8.2100, 16.6380

Triad

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



171.3450, -31.4080, 7.5360



175.3270, 38.9240, 10.4440



166.3700, -16.5020, -20.3260

Complementary

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



171.3450, -31.4080, 7.5360



193.6550, 31.4080, -7.5360

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.



169.2710, 5.8260, -17.4860



171.3450, -31.4080, 7.5360



174.0350, 36.4500, 0.2100

Square

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



171.3450, -31.4080, 7.5360



176.4760, 31.4950, 18.4310



171.9530, 24.5770, -10.3910



163.2890, -38.1430, -19.0950

Rectangle

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



171.3450, -31.4080, 7.5360



176.7260, 7.4240, 19.6480



171.9530, 24.5770, -10.3910



167.7900, -8.9370, -19.7610

Sweetspot

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



171.3450, -31.4080, 7.5360



238.7200, -10.7750, 2.5450



193.8670, -34.1990, -24.4950



117.3460, -6.7860, 1.8380



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.



171.3450, -31.4080, 7.5360



188.6950, -44.0170, 10.2790



156.4150, -19.2610, 24.1870



102.6020, -4.6310, 1.3290



60.2250, -74.5080, 17.7160



15.8100, -19.7160, 4.8920

Inverse Universe

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



171.1330, 34.1990, 24.4950



188.1720, 47.6310, 34.3750



208.5850, 19.2610, -24.1870



102.7450, 5.2720, 3.5760



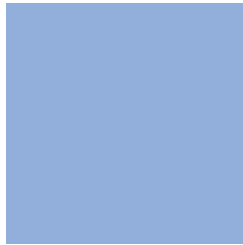
59.5930, 80.9590, 58.1350



15.8060, 21.6380, 15.3500

Previews

White Background



This preview shows how the YIQ color 171.3450, -31.4080, 7.5360 looks on a white background.

Color Contrast Check

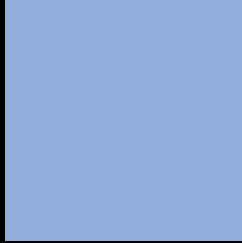
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 171.3450, -31.4080, 7.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

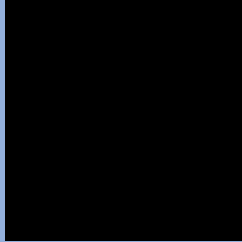
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

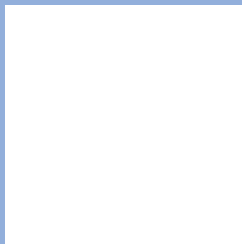
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 171.3450, -31.4080, 7.5360

Background



This preview shows how black text looks on a background with the YIQ color 171.3450, -31.4080, 7.5360.



This preview shows how white text looks on a background with the YIQ color 171.3450, -31.4080,

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

171.3450, -31.4080, 7.5360

Protanopia

173.4390, -19.8090, 12.0870

Deuteranopia

174.2050, -19.0300, 14.4900



Tritanopia

169.0490, -28.0590, -3.6030

Trichromacy



Original Color

171.3450, -31.4080, 7.5360

Protanomaly

172.3460, -23.9810, 10.6030

Deuteranomaly

173.2860, -23.7520, 11.9600

Tritanomaly

170.0860, -29.4810, 0.1430

Monochromacy



Original Color

171.3450, -31.4080, 7.5360

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.8340, -11.0960, 2.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3450, -31.4080, 7.5360 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(146, 175, 219)` looks like.

```
.text, #text, p{  
    color:rgb(146, 175, 219)  
}
```

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(146, 175, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 175, 219) }
```

Border

The CSS property to change the border of an element to YIQ 171.3450, -31.4080, 7.5360 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(146, 175, 219) }
```


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

```
.border{ border-color:rgb(146, 175, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 175, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 175, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 175, 219);  
box-shadow:4px 4px 4px 4px rgb(146, 175,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3450, -31.4080, 7.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 175, 219) }
```

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

```
.background{ background-color: rgb(146,  
175, 219) }
```

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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