

Converting Colors

YIQ(135.3450, -31.4080, 7.5360)

Have a look what the booklet for
YIQ(135.3450, -31.4080, 7.5360)
contains.

YIQ(135.3450, -31.4080, 7.5360)	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(135.3450, -31.4080,
7.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8BB7
RGB	110, 139, 183
RGB Percent	43%, 55%, 72%
CMY	0.5687, 0.4548, 0.2825
CMYK	0.40, 0.24, 0.00, 0.28
HSL	216°, 34%, 57%
HSV	216°, 40%, 72%
XYZ	24.2065, 25.2003, 48.3660
YIQ	135.3450, -31.4080, 7.5360

Conversions

Conversions Part 2

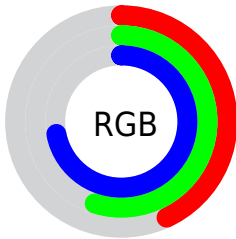
Format	Color
R_{YB}	110, 131, 183
Decimal	7244727
CIE _{Lab}	57.27, 1.11, -26.27
CIE _{LCh}	57, 26.297, 272.428
Yxy	25.2003, 0.2476, 0.2577
Android (android.graphics.Color)	4285434807 (0xFF6E8BB7)
YUV	135.3450, 23.4939, -22.2276
Hunter-Lab	50.1999, -1.7768, -21.9840

Details

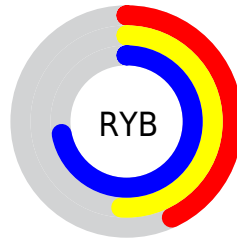
The YIQ color $135.3450, -31.4080, 7.5360$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $157.6550, 31.4080, -7.5360$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.9860, -31.7750, 8.6810$, and $84.4050, -31.6370, 6.1790$ is the 20% darker color. If you saturate the color by 10%, you get $123.5060, -39.1110, 9.4730$, and if you desaturate by 10%, it is $147.1840, -23.7050, 5.5990$.

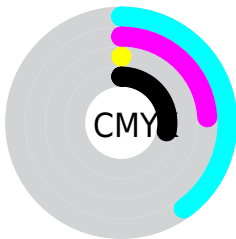
Distribution



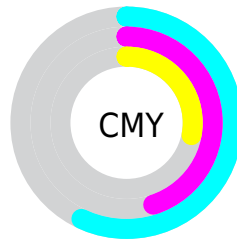
- Red (43%)
- Green (55%)
- Blue (72%)



- Red (43%)
- Yellow (51%)
- Blue (72%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (28%)



- Cyan (57%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.3450, -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 135.3450, -31.4080, 7.5360 by changing the saturation by 10% instead.

■ 135.3450,
-31.4080, 7.5360

■ 135.3450,
-31.4080, 7.5360

■ 255.0000, -0.0000,
-0.0000

■ 109.8180,
-31.3620, 6.7020

■ 188.9860,
-31.7750, 8.6810

■ 84.4050, -31.6370,
6.1790

■ 215.6180,
-27.9230, 4.9490

■ 59.6820, -33.9750,
4.4970

■ 241.0130,
-19.2100, -4.2820

■ 34.9480, -37.7800,
1.8680

■ 253.2060, -3.5760,
-1.2720

■ 20.5860, -24.8970,
5.1750

■ 5.1640, -11.7850,
9.8390

■ 1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,
0.0000

■ 135.3450,
-31.4080, 7.5360

■ 135.3450,
-31.4080, 7.5360

■ 123.5060,
-39.1110, 9.4730

■ 147.1840,
-23.7050, 5.5990

■ 111.3680,
-47.4100, 11.1980

■ 159.3220,
-15.4060, 3.8740

■ 99.5290, -55.1130,
13.1350

■ 171.1610, -7.7030,
1.9370

■ 87.6900, -62.8160,
15.0720

■ 183.0000, -0.0000,
-0.0000

■ 75.8510, -70.5190,
17.0090

■ 194.8390, 7.7030,
-1.9370

■ 63.7130, -78.8180,
18.7340

■ 206.9770, 16.0020,
-3.6620

■ 218.8160, 23.7050,
-5.5990

■ 230.3560, 30.8120,
-7.7480

■ 236.8130, 27.7870,
-13.5010

Harmonies

Analogous

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



129.0170, -51.3960, -4.6760



135.3450, -31.4080, 7.5360



139.7180, -7.2930, 16.5390

Triad

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



135.3450, -31.4080, 7.5360



139.0280, 38.3280, 10.2320



130.0000, -18.3360, -20.1280

Complementary

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



135.3450, -31.4080, 7.5360



157.6550, 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.



133.0860, 4.9090, -17.3870



135.3450, -31.4080, 7.5360



137.9100, 35.3040, -1.0480

Square

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



135.3450, -31.4080, 7.5360



140.3620, 31.8160, 18.1200



136.3550, 23.3850, -10.8150



126.3210, -41.1690, -19.3210

Rectangle

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



135.3450, -31.4080, 7.5360



141.0250, 8.0200, 19.8600



136.3550, 23.3850, -10.8150



131.3060, -10.4500, -19.8740

Sweetspot

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



135.3450, -31.4080, 7.5360



218.6490, -12.0130, 2.9550



157.8670, -34.1990, -24.4950



109.0470, -7.3820, 1.6260



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.3450, -31.4080, 7.5360



162.9980, -49.2440, 11.3960



120.4150, -19.2610, 24.1870



85.7870, -3.7140, 1.2300



54.1780, -67.1260, 16.0900



9.6490, -12.0130, 2.9550

Inverse Universe

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



135.1330, 34.1990, 24.4950



162.3300, 53.1780, 38.4740



172.5850, 19.2610, -24.1870



86.0330, 4.4010, 2.8410



53.7120, 73.0740, 52.3540



9.6260, 13.1570, 9.3570

Previews

White Background



This preview shows how the YIQ color 135.3450, -31.4080, 7.5360 looks on a white background.

Color Contrast Check

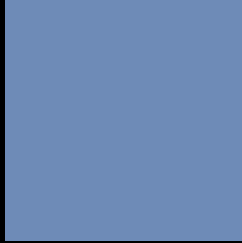
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3450, -31.4080, 7.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

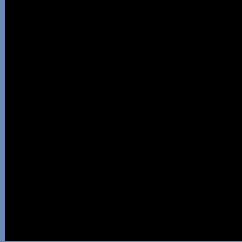
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

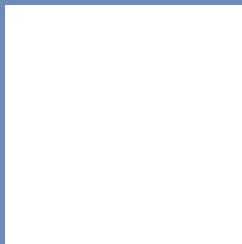
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.3450, -31.4080, 7.5360

Background



This preview shows how black text looks on a background with the YIQ color 135.3450, -31.4080, 7.5360.

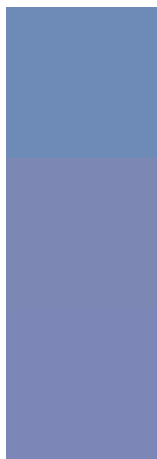


This preview shows how white text looks on a background with the YIQ color 135.3450, -31.4080,

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

135.3450, -31.4080, 7.5360

Protanopia

137.1400, -20.4050, 11.8750

Deuteranopia

137.2970, -22.2850, 12.9070



Tritanopia

133.1090, -28.2880, -4.9600

Trichromacy



Original Color

135.3450, -31.4080, 7.5360

Protanomaly

136.3460, -23.9810, 10.6030

Deuteranomaly

136.3890, -25.5400, 11.3240

Tritanomaly

133.9720, -29.1600, -0.1680

Monochromacy



Original Color

135.3450, -31.4080, 7.5360

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.8340, -11.0960, 2.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.3450, -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(110, 139, 183)` looks like.

```
.text, #text, p{  
    color:rgb(110, 139, 183)  
}
```

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(110, 139, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 139, 183) }
```

Border

The CSS property to change the border of an element to YIQ 135.3450, -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(110, 139, 183) }
```


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

```
.border{ border-color:rgb(110, 139, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 139, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 139, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 139, 183);  
box-shadow:4px 4px 4px 4px rgb(110, 139,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 135.3450, -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(110, 139, 183) }
```

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

```
.background{ background-color: rgb(110,  
139, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor