

Converting Colors

YIQ(196.0640, -67.9460,
-13.1140)

Have a look what the booklet for
YIQ(196.0640, -67.9460, -13.1140)
contains.

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Color

**YIQ(196.0640, -67.9460,
-13.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	7BDFF9
RGB	123, 223, 249
RGB Percent	48%, 87%, 98%
CMY	0.5178, 0.1253, 0.0238
CMYK	0.51, 0.10, 0.00, 0.02
HSL	192°, 91%, 73%
HSV	192°, 51%, 98%
XYZ	51.6466, 63.8396, 99.1623
YIQ	196.0640, -67.9460, -13.1140

Conversions

Conversions Part 2

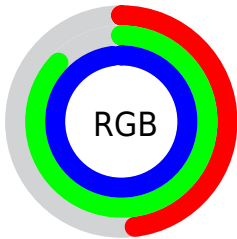
Format	Color
R_{YB}	123, 179, 249
Decimal	8118265
CIE _{Lab}	83.88, -22.52, -21.65
CIE _{LCh}	84, 31.237, 223.878
Yxy	63.8396, 0.2406, 0.2974
Android (android.graphics.Color)	4286308345 (0xFF7BDF9)
YUV	196.0640, 26.0974, -64.0771
Hunter-Lab	79.8997, -24.4433, -17.6542

Details

The YIQ color **196.0640, -67.9460, -13.1140** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **175.9360, 67.9460, 13.1140**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.1730, -43.5080, -15.4760**, and **138.5580, -72.3930, -15.1210** is the 20% darker color. If you saturate the color by 10%, you get **185.6540, -81.4710, -15.7990**, and if you desaturate by 10%, it is **206.4740, -54.4210, -10.4290**.

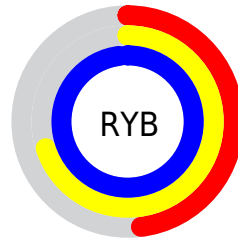
Distribution



Red (48%)

Green (87%)

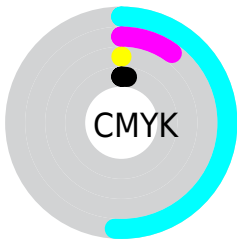
Blue (98%)



Red (48%)

Yellow (70%)

Blue (98%)

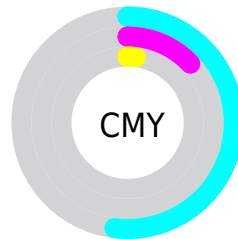


Cyan (51%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (52%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.0640, -67.9460, -13.1140 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 196.0640, -67.9460, -13.1140 by changing the saturation by 10% instead.

■ 196.0640,
-67.9460, -13.1140

■ 196.0640,
-67.9460, -13.1140

■ 255.0000, -0.0000,
-0.0000

■ 167.3520,
-68.8170, -13.8490

■ 233.1730,
-43.5080, -15.4760

■ 138.1450,
-72.6680, -15.6440

■ 242.1430,
-25.6280, -9.1160

■ 103.9690,
-86.9720, -20.7320

■ 251.1130, -7.7480,
-2.7560

■ 83.3510, -76.2440,
-16.9160

■ 66.2990, -61.2980,
-12.4500

■ 49.4750, -46.9940,
-7.3620

■ 33.2380, -32.9650,

-2.7970

■ 18.9900, -20.4030,
0.8210

■ 3.0950, -7.3370,
6.3190

■ 196.0640,
-67.9460, -13.1140

■ 196.0640,
-67.9460, -13.1140

■ 185.6540,
-81.4710, -15.7990

■ 206.4740,
-54.4210, -10.4290

■ 175.2440,
-94.9960, -18.4840

■ 216.8840,
-40.8960, -7.7440

■ 164.8340,
-108.5210, -21.1690

■ 227.2940,
-27.3710, -5.0590

■ 154.4240,
-122.0460, -23.8540

■ 238.2910,
-14.1210, -2.8970

■ 144.6120,
-134.3790, -26.1150

■ 248.4020, -1.1920,
-0.4240

■ 253.7290, 2.2010,
-1.3430

■ 254.3160, 1.9260,
-1.8660

Harmonies

Analogous

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



195.3450, -58.9120, -22.6560



196.0640, -67.9460, -13.1140



201.5980, -51.5340, -2.1740

Triad

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



196.0640, -67.9460, -13.1140



212.9520, 27.4590, 25.4990



206.3560, 21.6440, -17.8120

Complementary

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



196.0640, -67.9460, -13.1140



175.9360, 67.9460, 13.1140

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.



209.2710, 41.3570, -6.1230



196.0640, -67.9460, -13.1140



208.9450, 37.3640, 16.6920

Square

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



196.0640, -67.9460, -13.1140



213.4360, 2.6090, 24.3130



208.9160, 44.3350, 5.9910



202.7810, -4.7180, -24.6380

Rectangle

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



196.0640, -67.9460, -13.1140



206.1490, -33.7920, 6.6880



208.9160, 44.3350, 5.9910



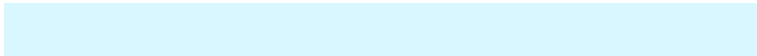
207.0690, 29.9420, -14.0100

Sweetspot

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



196.0640, -67.9460, -13.1140



238.9420, -20.4480, -3.8720



199.8120, -42.6750, -58.1230



118.1880, -12.3330, -2.2610



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.



196.0640, -67.9460, -13.1140



189.5720, -84.1760, -16.3360



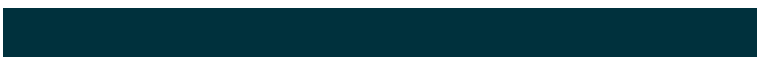
159.6700, -50.8960, 19.3120



119.3520, -6.9230, -1.1870



109.5960, -101.9190, -19.6710



35.7170, -33.0560, -6.6560

Inverse Universe

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



172.0740, 42.9960, 57.8120



159.7800, 53.1720, 71.6360



212.3300, 50.8960, -19.3120



117.0270, 4.5380, 5.8660



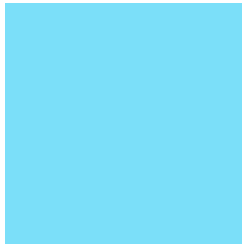
73.6110, 64.4940, 86.7180



23.8250, 20.6270, 28.1710

Previews

White Background



This preview shows how the YIQ color 196.0640, -67.9460, -13.1140 looks on a white background.

Color Contrast Check

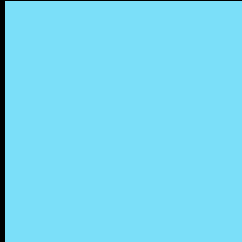
Large Text (above 18pt) WCAG AA × Fail

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 196.0640, -67.9460, -13.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

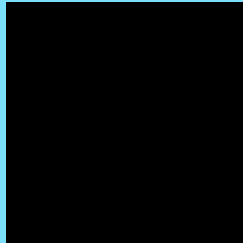
Any Text WCAG AA ✓ Pass

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 196.0640, -67.9460, -13.1140 Background



This preview shows how black text looks on a background with the YIQ color 196.0640, -67.9460, -13.1140.



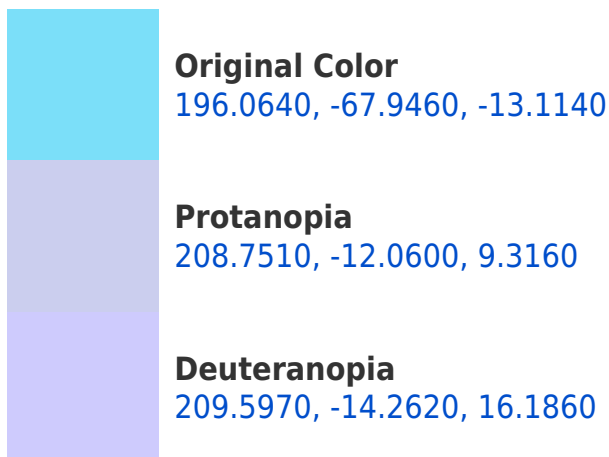
This preview shows how white text looks on a background with the YIQ color 196.0640, -67.9460, -13.1140.

-13.1140.

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





Tritanopia

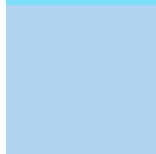
195.2550, -67.1660, -16.2380

Trichromacy



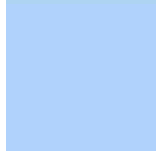
Original Color

196.0640, -67.9460, -13.1140



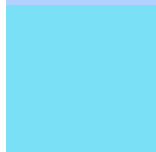
Protanomaly

204.0580, -32.2780, 1.2740



Deuteranomaly

204.6220, -33.7460, 5.8540



Tritanomaly

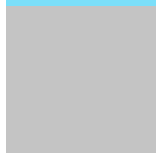
195.8960, -67.5330, -15.0930

Monochromacy



Original Color

196.0640, -67.9460, -13.1140



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

195.9630, -24.9410, -5.0450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.0640, -67.9460, -13.1140 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(123, 223, 249)` looks like.

```
.text, #text, p{  
    color:rgb(123, 223, 249)  
}
```

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(123, 223, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 223, 249) }
```

Border

The CSS property to change the border of an element to YIQ 196.0640, -67.9460, -13.1140 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(123, 223, 249) }
```


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

```
.border{ border-color:rgb(123, 223, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 223, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 223, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 223, 249);  
box-shadow:4px 4px 4px 4px rgb(123, 223,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 196.0640, -67.9460, -13.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 223, 249) }
```

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

```
.background{ background-color: rgb(123,  
223, 249) }
```

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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