

Converting Colors

YIQ(199.8590, -66.1110,
-18.8390)

Have a look what the booklet for
YIQ(199.8590, -66.1110, -18.8390)
contains.

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Color

**YIQ(199.8590, -66.1110,
-18.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE6F1
RGB	125, 230, 241
RGB Percent	49%, 90%, 95%
CMY	0.5100, 0.0979, 0.0552
CMYK	0.48, 0.05, 0.00, 0.06
HSL	186°, 80%, 72%
HSV	186°, 48%, 94%
XYZ	52.6244, 67.3203, 93.3855
YIQ	199.8590, -66.1110, -18.8390

Conversions

Conversions Part 2

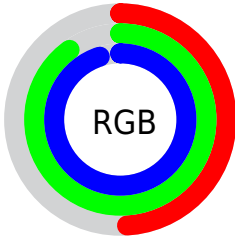
Format	Color
R_{YB}	125, 180, 241
Decimal	8251121
CIE _{Lab}	85.67, -27.64, -14.74
CIE _{LCh}	86, 31.327, 208.061
Yxy	67.3203, 0.2467, 0.3156
Android (android.graphics.Color)	4286441201 (0xFF7DE6F1)
YUV	199.8590, 20.2825, -65.6513
Hunter-Lab	82.0489, -29.0997, -10.0478

Details

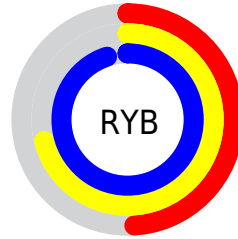
The YIQ color **199.8590, -66.1110, -18.8390** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **166.1410, 66.1110, 18.8390**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.7710, -42.3160, -15.0520**, and **142.0650, -69.6870, -20.1110** is the 20% darker color. If you saturate the color by 10%, you get **191.5090, -79.8650, -22.8810**, and if you desaturate by 10%, it is **208.2090, -52.3570, -14.7970**.

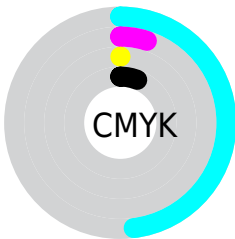
Distribution



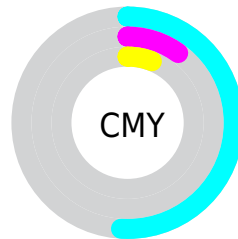
- Red (49%)
- Green (90%)
- Blue (95%)



- Red (49%)
- Yellow (71%)
- Blue (95%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (51%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.8590, -66.1110, -18.8390 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 199.8590, -66.1110, -18.8390 by changing the saturation by 10% instead.

199.8590,
-66.1110, -18.8390

199.8590,
-66.1110, -18.8390

255.0000, -0.0000,
-0.0000

171.2610,
-67.3030, -19.2630

233.7710,
-42.3160, -15.0520

142.0650,
-69.6870, -20.1110

242.7410,
-24.4360, -8.6920

109.6830,
-80.4150, -23.9270

251.7110, -6.5560,
-2.3320

86.0750, -75.6470,
-22.2310

68.5500, -60.7470,
-16.9310

51.6120, -46.1220,
-12.1540

35.4890, -32.4140,

-7.2780

■ 21.3550, -20.1730,
-3.3490

■ 2.4110, -5.4110,
4.4530

■ 199.8590,
-66.1110, -18.8390

■ 199.8590,
-66.1110, -18.8390

■ 191.5090,
-79.8650, -22.8810

■ 208.2090,
-52.3570, -14.7970

■ 183.1590,
-93.6190, -26.9230

■ 217.1460,
-38.8780, -11.2780

■ 174.2220,
-107.0980, -30.4420

■ 225.4960,
-25.1240, -7.2360

■ 165.8720,
-120.8520, -34.4840

■ 233.8460,
-11.3700, -3.1940

157.2230,
-135.2020, -38.7380

242.1960, 2.3840,
0.8480

155.4400,
-137.3110, -39.0630

246.9470, 7.5190,
1.3990

248.1210, 6.9690,
0.3530

249.2950, 6.4190,
-0.6930

250.4690, 5.8690,
-1.7390

Harmonies

Analogous

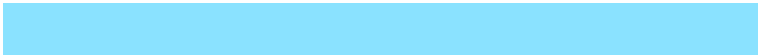
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201.8100, -47.2200, -25.3000



199.8590, -66.1110, -18.8390



202.9940, -61.7570, -9.6370

Triad

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



199.8590, -66.1110, -18.8390



219.0200, 15.5840, 25.9520



213.2760, 33.7930, -12.2150

Complementary

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



199.8590, -66.1110, -18.8390



166.1410, 66.1110, 18.8390

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.



213.6290, 43.4650, -0.2710



199.8590, -66.1110, -18.8390



214.2740, 29.2480, 20.6080

Square

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



199.8590, -66.1110, -18.8390



215.1630, -10.0440, 16.8360



211.5550, 38.2820, 11.0660



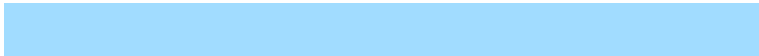
209.6750, 10.3200, -21.8400

Rectangle

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



199.8590, -66.1110, -18.8390



206.3490, -46.3990, -1.6230



211.5550, 38.2820, 11.0660



213.8470, 39.6150, -7.5930

Sweetspot

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



199.8590, -66.1110, -18.8390



242.4750, -20.6310, -6.0630



194.2320, -35.1100, -57.5580



119.6610, -12.2870, -3.0950



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

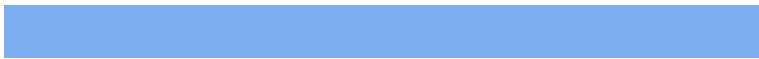
The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.8590, -66.1110, -18.8390



202.5300, -84.3580, -24.0540



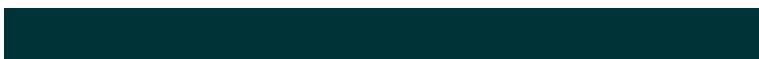
166.4000, -50.4360, 10.9720



115.8250, -6.8770, -2.0210



118.4180, -104.7140, -29.5940



36.3210, -32.0010, -9.2570

Inverse Universe

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



171.6540, 35.4310, 57.2470



166.5280, 45.1940, 73.0500



199.6000, 50.4360, -10.9720



112.8420, 3.6210, 5.9650



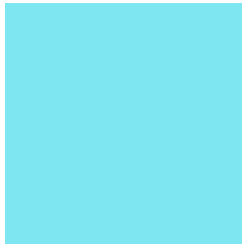
73.9400, 56.3780, 90.6340



22.5580, 17.0050, 27.7330

Previews

White Background



This preview shows how the YIQ color 199.8590, -66.1110, -18.8390 looks on a white background.

Color Contrast Check

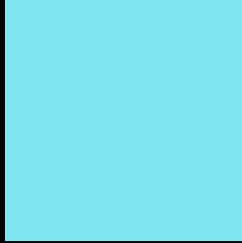
Large Text (above 18pt) WCAG AA × Fail

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 199.8590, -66.1110, -18.8390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

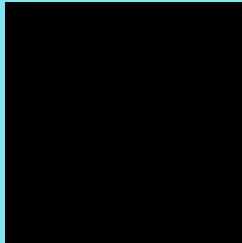
Any Text WCAG AA ✓ Pass

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 199.8590, -66.1110, -18.8390 Background



This preview shows how black text looks on a background with the YIQ color 199.8590, -66.1110, -18.8390.



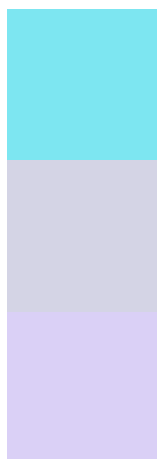
This preview shows how white text looks on a background with the YIQ color 199.8590, -66.1110, -18.8390.

-18.8390.

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

199.8590, -66.1110, -18.8390

Protanopia

213.9380, -5.4570, 5.2870

Deuteranopia

215.3220, -6.2380, 13.9380



Tritanopia

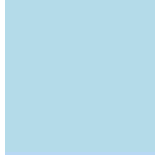
200.5540, -66.5700, -16.0260

Trichromacy



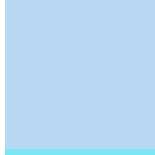
Original Color

199.8590, -66.1110, -18.8390



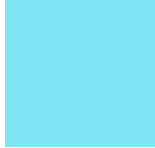
Protanomaly

208.9350, -27.7380, -3.9140



Deuteranomaly

209.6240, -28.0600, 1.9240



Tritanomaly

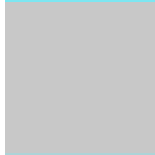
200.0270, -66.5240, -16.8600

Monochromacy



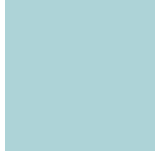
Original Color

199.8590, -66.1110, -18.8390



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.0940, -23.9320, -6.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8590, -66.1110, -18.8390 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(125, 230, 241)` looks like.

```
.text, #text, p{  
    color:rgb(125, 230, 241)  
}
```

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(125, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 230, 241) }
```

Border

The CSS property to change the border of an element to YIQ 199.8590, -66.1110, -18.8390 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(125, 230, 241) }
```


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

```
.border{ border-color:rgb(125, 230, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 230, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(125, 230,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8590, -66.1110, -18.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 230, 241) }
```

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

```
.background{ background-color: rgb(125,  
230, 241) }
```

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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