

Converting Colors

YIQ(206.3580, -60.9270,
-35.7030)

Have a look what the booklet for
YIQ(206.3580, -60.9270, -35.7030)
contains.

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Color

**YIQ(206.3580, -60.9270,
-35.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	7EF6D5
RGB	126, 246, 213
RGB Percent	49%, 96%, 84%
CMY	0.5062, 0.0351, 0.1649
CMYK	0.49, 0.00, 0.13, 0.04
HSL	163°, 87%, 73%
HSV	163°, 49%, 96%
XYZ	53.5670, 75.1732, 74.6007
YIQ	206.3580, -60.9270, -35.7030

Conversions

Conversions Part 2

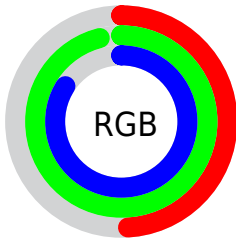
Format	Color
RYB	126, 196, 246
Decimal	8320725
CIELab	89.47, -41.62, 5.54
CIELCh	89, 41.990, 172.424
Yxy	75.1732, 0.2634, 0.3697
Android (android.graphics.Color)	4286510805 (0xFF7EF6D5)
YUV	206.3580, 3.2745, -70.4740
Hunter-Lab	86.7025, -41.4474, 9.6773

Details

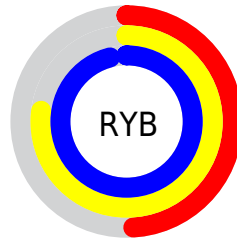
The YIQ color **206.3580, -60.9270, -35.7030** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **165.6420, 60.9270, 35.7030**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, -41.7200, -14.8400**, and **148.0910, -64.5490, -36.1410** is the 20% darker color. If you saturate the color by 10%, you get **198.0850, -73.5800, -43.1800**, and if you desaturate by 10%, it is **214.6310, -48.2740, -28.2260**.

Distribution



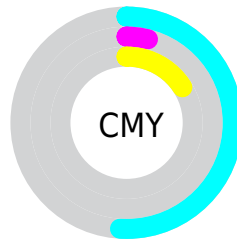
- Red (49%)
- Green (96%)
- Blue (84%)



- Red (49%)
- Yellow (77%)
- Blue (96%)



- Cyan (49%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (51%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.3580, -60.9270, -35.7030 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 206.3580, -60.9270, -35.7030 by changing the saturation by 10% instead.

■ 206.3580,
-60.9270, -35.7030

■ 206.3580,
-60.9270, -35.7030

■ 255.0000, -0.0000,
-0.0000

■ 177.1730,
-61.8440, -35.6040

■ 234.0700,
-41.7200, -14.8400

■ 148.0910,
-64.5490, -36.1410

■ 243.0400,
-23.8400, -8.4800

■ 116.7200,
-73.8100, -39.0100

■ 252.0100, -5.9600,
-2.1200

■ 91.4430, -71.4720,
-37.3280

■ 73.4450, -56.6180,
-31.1940

■ 56.1480, -42.3600,
-25.2720

■ 39.5520, -28.6980,

-19.5620

■ 24.8310, -16.1820,
-15.1100

■ 0.0000, 0.0000,
0.0000

■ 206.3580,
-60.9270, -35.7030

■ 206.3580,
-60.9270, -35.7030

■ 198.0850,
-73.5800, -43.1800

■ 214.6310,
-48.2740, -28.2260

■ 190.1110,
-85.6370, -50.4450

■ 222.6050,
-36.2170, -20.9610

■ 181.9520,
-98.6110, -57.6110

■ 230.7640,
-23.2430, -13.7950

■ 173.9780,
-110.6680, -64.8760

■ 238.7380,
-11.1860, -6.5300

■ 165.7050,
-123.3210, -72.3530

■ 247.0110, 1.4670,
0.9470

■ 164.6940,
-124.7880, -73.3000

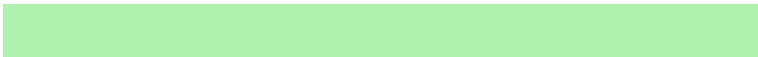
■ 249.6030, 2.7960,
4.3960

■ 249.7170, 2.4750,
4.7070

Harmonies

Analogous

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



213.7420, -18.1500, -34.5180



206.3580, -60.9270, -35.7030



198.7730, -98.5240, -31.6440

Triad

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



206.3580, -60.9270, -35.7030



221.6200, -13.0690, 11.0830



215.1620, 43.2820, -2.4620

Complementary

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



206.3580, -60.9270, -35.7030



165.6420, 60.9270, 35.7030

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.



213.6410, 35.1640, 12.5080



206.3580, -60.9270, -35.7030



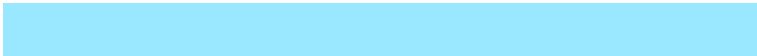
225.0630, 14.0250, 26.6730

Square

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



206.3580, -60.9270, -35.7030



211.0010, -54.4670, -9.5950



217.7280, 22.2780, 25.7820



221.3280, 45.2100, -15.3820

Rectangle

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



206.3580, -60.9270, -35.7030



197.4140, -98.8910, -30.4990



217.7280, 22.2780, 25.7820



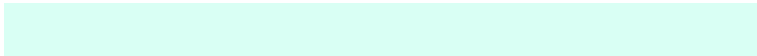
213.9540, 41.1720, 2.7400

Sweetspot

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



206.3580, -60.9270, -35.7030



242.3840, -19.1170, -11.4770



206.6060, -12.7360, -55.5520



120.3250, -11.4610, -7.0530



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.



206.3580, -60.9270, -35.7030



205.4760, -76.2390, -44.5510



194.8580, -64.3700, -11.8420



118.0700, -6.1890, -3.4770



124.5720, -94.4850, -55.2930



39.4210, -29.7070, -17.7950

Inverse Universe

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



165.6420, 60.9270, 35.7030



154.5240, 76.2390, 44.5510



177.1420, 64.3700, 11.8420



114.0440, 5.8680, 3.7880



61.4280, 94.4850, 55.2930



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 206.3580, -60.9270, -35.7030 looks on a white background.

Color Contrast Check

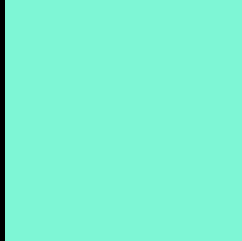
Large Text (above 18pt) WCAG AA × Fail

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 206.3580, -60.9270, -35.7030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

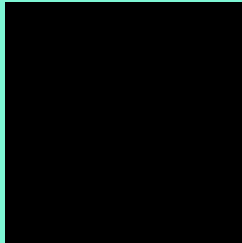
Any Text WCAG AA ✓ Pass

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 206.3580, -60.9270, -35.7030 Background



This preview shows how black text looks on a background with the YIQ color 206.3580, -60.9270, -35.7030.



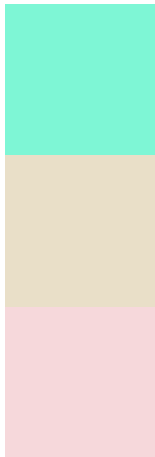
This preview shows how white text looks on a background with the YIQ color 206.3580, -60.9270, -35.7030.

-35.7030.

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

206.3580, -60.9270, -35.7030

Protanopia

223.3680, 13.3430, -5.0330

Deuteranopia

225.3120, 16.9170, 7.2930



Tritanopia

214.2240, -56.7130, -12.9450

Trichromacy



Original Color

206.3580, -60.9270, -35.7030



Protanomaly

216.9730, -13.7060, -15.9300



Deuteranomaly

218.3850, -11.6900, -8.4100



Tritanomaly

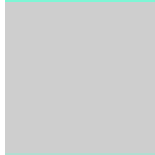
211.5840, -58.0870, -21.0870

Monochromacy



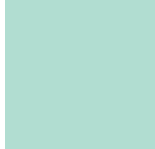
Original Color

206.3580, -60.9270, -35.7030



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

206.4760, -22.3720, -13.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.3580, -60.9270, -35.7030 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(126, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(126, 246, 213)  
}
```

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(126, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 246, 213) }
```

Border

The CSS property to change the border of an element to YIQ 206.3580, -60.9270, -35.7030 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(126, 246, 213) }
```


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

```
.border{ border-color:rgb(126, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(126, 246,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 206.3580, -60.9270, -35.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 246, 213) }
```

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

```
.background{ background-color: rgb(126,  
246, 213) }
```

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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