

Converting Colors

YIQ(206.1630, -65.0520,
-43.5480)

Have a look what the booklet for
YIQ(206.1630, -65.0520, -43.5480)
contains.

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Color

**YIQ(206.1630, -65.0520,
-43.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	75FCCC
RGB	117, 252, 204
RGB Percent	46%, 99%, 80%
CMY	0.5415, 0.0115, 0.2002
CMYK	0.54, 0.00, 0.19, 0.01
HSL	159°, 96%, 72%
HSV	159°, 54%, 99%
XYZ	53.0446, 77.7890, 69.3103
YIQ	206.1630, -65.0520, -43.5480

Conversions

Conversions Part 2

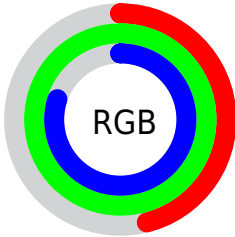
Format	Color
RYB	117, 199, 252
Decimal	7732428
CIELab	90.68, -48.18, 11.89
CIELCh	91, 49.630, 166.136
Yxy	77.7890, 0.2650, 0.3887
Android (android.graphics.Color)	4285922508 (0xFF75FCCC)
YUV	206.1630, -1.0664, -78.1960
Hunter-Lab	88.1981, -46.9921, 15.1457

Details

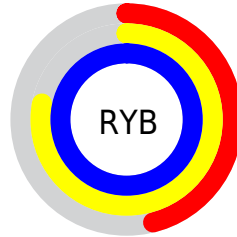
The YIQ color **206.1630, -65.0520, -43.5480** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **162.8370, 65.0520, 43.5480**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, -46.4880, -16.5360**, and **146.5150, -71.9750, -44.7350** is the 20% darker color. If you saturate the color by 10%, you get **197.6620, -77.0630, -51.6470**, and if you desaturate by 10%, it is **214.6640, -53.0410, -35.4490**.

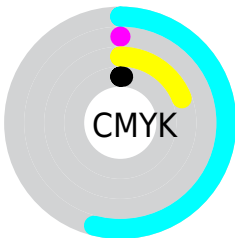
Distribution



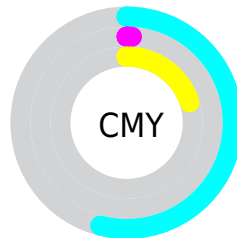
- Red (46%)
- Green (99%)
- Blue (80%)



- Red (46%)
- Yellow (78%)
- Blue (99%)



- Cyan (54%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)





- Cyan (54%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.1630, -65.0520, -43.5480 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 206.1630, -65.0520, -43.5480 by changing the saturation by 10% instead.


 206.1630,
-65.0520, -43.5480


 206.1630,
-65.0520, -43.5480


255.0000, -0.0000,
-0.0000


 176.3800,
-67.1610, -43.8730


 231.6780,
-46.4880, -16.5360


 146.2160,
-72.5710, -44.9470


 240.6480,
-28.6080, -10.1760

 112.1650,
-85.7290, -48.7770

 249.9170,
-10.1320, -3.6040

 93.4660, -70.2790,
-42.4310

 75.4680, -55.4250,
-36.2970

 57.5840, -40.8920,
-29.8520

 40.5150, -27.2760,

-23.3080

■ 25.5660, -14.1180,
-19.4780

■ 2.9350, -1.3750,
-2.6150

■ 206.1630,
-65.0520, -43.5480

■ 206.1630,
-65.0520, -43.5480

■ 197.6620,
-77.0630, -51.6470

■ 214.6640,
-53.0410, -35.4490

■ 189.1610,
-89.0740, -59.7460

■ 223.1650,
-41.0300, -27.3500

■ 180.3610,
-101.6810, -68.0570

■ 231.9650,
-28.4230, -19.0390

■ 171.8600,
-113.6920, -76.1560

■ 240.4660,
-16.4120, -10.9400

■ 166.3920,
-121.3020, -81.4140

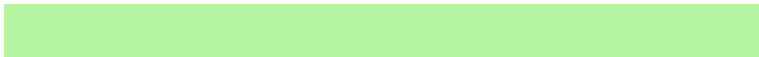
■ 248.9670, -4.4010,
-2.8410

■ 253.2390, 0.8250,
1.5690

Harmonies

Analogous

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



215.9890, -11.7760, -39.9040



206.1630, -65.0520, -43.5480



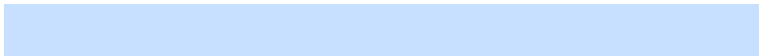
182.4250, -142.1230, -50.9790

Triad

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



206.1630, -65.0520, -43.5480



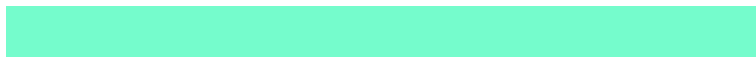
220.3580, -24.2550, 4.5530



213.2870, 44.4280, -1.2040

Complementary

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



206.1630, -65.0520, -43.5480



162.8370, 65.0520, 43.5480

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.



211.6180, 33.9710, 17.6110



206.1630, -65.0520, -43.5480



226.8240, 13.2000, 25.1040

Square

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



206.1630, -65.0520, -43.5480



204.3350, -79.3150, -21.8350



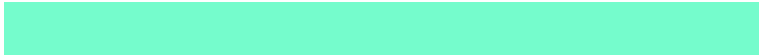
218.2640, 18.0130, 31.4930



219.7150, 48.3740, -17.6580

Rectangle

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



206.1630, -65.0520, -43.5480



176.4070, -150.8800, -51.9680



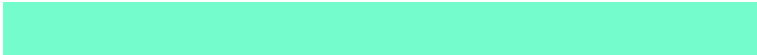
218.2640, 18.0130, 31.4930



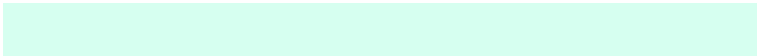
211.8340, 41.6300, 5.4540

Sweetspot

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



206.1630, -65.0520, -43.5480



241.0310, -19.6210, -13.3570



210.8960, -7.9210, -60.2170



119.4990, -12.0110, -8.0990



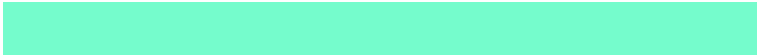
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



206.1630, -65.0520, -43.5480



199.6510, -78.5300, -52.5940



201.0690, -75.5100, -19.2060



120.6570, -6.4640, -4.0000



124.8510, -91.1370, -60.9050



40.2530, -29.2940, -19.7740

Inverse Universe

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



162.8370, 65.0520, 43.5480



147.3490, 78.5300, 52.5940



167.9310, 75.5100, 19.2060



116.4570, 6.1430, 4.3110



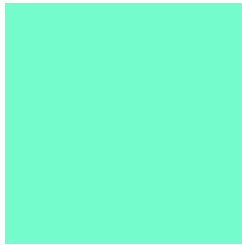
64.1490, 91.1370, 60.9050



20.7470, 29.2940, 19.7740

Previews

White Background



This preview shows how the YIQ color 206.1630, -65.0520, -43.5480 looks on a white background.

Color Contrast Check

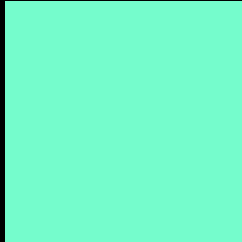
Large Text (above 18pt) WCAG AA × Fail

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 206.1630, -65.0520, -43.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

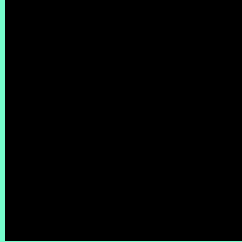
Any Text WCAG AA ✓ Pass

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 206.1630, -65.0520, -43.5480 Background



This preview shows how black text looks on a background with the YIQ color 206.1630, -65.0520, -43.5480.



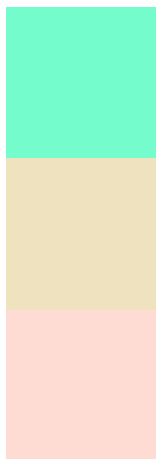
This preview shows how white text looks on a background with the YIQ color 206.1630, -65.0520, -43.5480.

-43.5480.

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

206.1630, -65.0520, -43.5480

Protanopia

225.8970, 18.9830, -8.1290

Deuteranopia

228.5530, 23.4280, 4.9320



Tritanopia

218.9860, -50.1110, -11.4470

Trichromacy



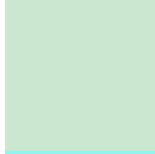
Original Color

206.1630, -65.0520, -43.5480



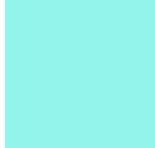
Protanomaly

218.5940, -11.3210, -20.6090



Deuteranomaly

220.3050, -8.7090, -12.8770



Tritanomaly

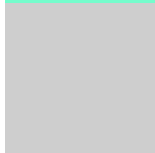
214.0850, -55.2440, -23.0520

Monochromacy



Original Color

206.1630, -65.0520, -43.5480



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

206.2970, -23.4260, -15.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.1630, -65.0520, -43.5480 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(117, 252, 204)` looks like.

```
.text, #text, p{  
    color:rgb(117, 252, 204)  
}
```

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(117, 252, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 252, 204) }
```

Border

The CSS property to change the border of an element to YIQ 206.1630, -65.0520, -43.5480 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(117, 252, 204) }
```


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

```
.border{ border-color:rgb(117, 252, 204) }
```

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

Here you see how a box with a 4 pixel rgb(117, 252, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 252, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 252, 204);  
box-shadow:4px 4px 4px 4px rgb(117, 252,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 206.1630, -65.0520, -43.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 252, 204) }
```

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

```
.background{ background-color: rgb(117,  
252, 204) }
```

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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