

Converting Colors

YIQ(196.7070, -54.6000,
-34.7280)

Have a look what the booklet for
YIQ(196.7070, -54.6000, -34.7280)
contains.

YIQ(196.7070, -54.6000, -34.7280)	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(196.7070, -54.6000,
-34.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	7BEAC6
RGB	123, 234, 198
RGB Percent	48%, 92%, 78%
CMY	0.5179, 0.0822, 0.2237
CMYK	0.47, 0.00, 0.15, 0.08
HSL	161°, 73%, 70%
HSV	161°, 47%, 92%
XYZ	47.7815, 67.1527, 63.8404
YIQ	196.7070, -54.6000, -34.7280

Conversions

Conversions Part 2

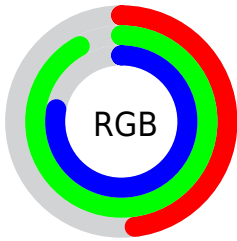
Format	Color
RYB	123, 189, 234
Decimal	8121030
CIELab	85.58, -40.28, 7.74
CIELCh	86, 41.020, 169.117
Yxy	67.1527, 0.2673, 0.3756
Android (android.graphics.Color)	4286311110 (0xFF7BEAC6)
YUV	196.7070, 0.6374, -64.6410
Hunter-Lab	81.9468, -39.3271, 11.1730

Details

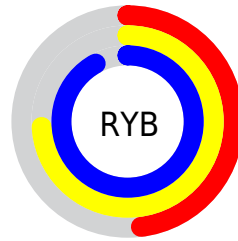
The YIQ color **196.7070, -54.6000, -34.7280** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **160.2930, 54.6000, 34.7280**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.8740, -44.1040, -15.6880**, and **139.7390, -57.6260, -34.9540** is the 20% darker color. If you saturate the color by 10%, you get **188.9180, -65.7400, -42.0920**, and if you desaturate by 10%, it is **204.4960, -43.4600, -27.3640**.

Distribution



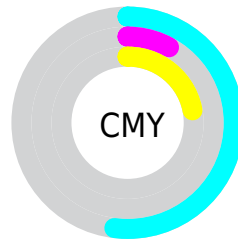
- Red (48%)
- Green (92%)
- Blue (78%)



- Red (48%)
- Yellow (74%)
- Blue (92%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)



- Cyan (52%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.7070, -54.6000, -34.7280 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 196.7070, -54.6000, -34.7280 by changing the saturation by 10% instead.

■ 196.7070,
-54.6000, -34.7280

■ 196.7070,
-54.6000, -34.7280

■ 255.0000, -0.0000,
-0.0000

■ 168.5220,
-55.5170, -34.6290

■ 232.8740,
-44.1040, -15.6880

■ 139.7390,
-57.6260, -34.9540

■ 241.5450,
-26.8200, -9.5400

■ 109.6780,
-64.8240, -36.6640

■ 250.5150, -8.9400,
-3.1800

■ 83.5040, -64.2740,
-35.6180

■ 66.0930, -49.6950,
-30.0070

■ 48.9100, -35.7580,
-23.7740

■ 32.4280, -22.4170,

-17.7530

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 196.7070,
-54.6000, -34.7280

■ 196.7070,
-54.6000, -34.7280

■ 188.9180,
-65.7400, -42.0920

■ 204.4960,
-43.4600, -27.3640

■ 180.9440,
-77.7970, -49.3570

■ 212.4700,
-31.4030, -20.0990

■ 173.1550,
-88.9370, -56.7210

■ 220.2590,
-20.2630, -12.7350

■ 165.1810,
-100.9940, -63.9860

■ 228.2330, -8.2060,
-5.4700

■ 157.3920,
-112.1340, -71.3500

■ 236.0220, 2.9340,
1.8940

■ 155.3700,
-115.0680, -73.2440

■ 241.4190, 9.3060,
7.5620

■ 242.2170, 7.0590,
9.7390

■ 242.6730, 5.7750,
10.9830

Harmonies

Analogous

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



204.0200, -13.0610, -33.1330



196.7070, -54.6000, -34.7280



188.6980, -93.9390, -32.1390

Triad

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



196.7070, -54.6000, -34.7280



211.2540, -20.7260, 12.1860



208.0210, 48.2330, 1.4250

Complementary

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



196.7070, -54.6000, -34.7280



160.2930, 54.6000, 34.7280

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.



206.5000, 40.1150, 16.3950



196.7070, -54.6000, -34.7280



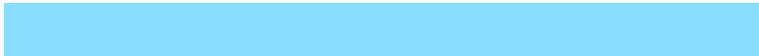
217.9860, 12.9240, 30.1080

Square

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



196.7070, -54.6000, -34.7280



200.3470, -61.2530, -7.7570



211.6470, 27.0000, 28.3120



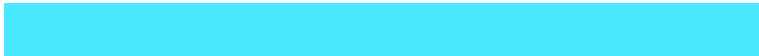
212.8880, 49.5650, -11.7070

Rectangle

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



196.7070, -54.6000, -34.7280



187.6680, -102.4220, -27.0780



211.6470, 27.0000, 28.3120



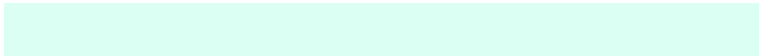
206.8130, 46.1230, 6.6270

Sweetspot

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



196.7070, -54.6000, -34.7280



242.8680, -17.6040, -11.3640



199.2200, -8.4730, -50.2090



120.5100, -10.5440, -7.1520



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.



196.7070, -54.6000, -34.7280



206.2870, -71.3330, -45.3570



190.2450, -61.2060, -14.1180



113.2550, -5.2720, -3.5760



120.1550, -88.9370, -56.7210



35.8020, -26.4060, -17.0460

Inverse Universe

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



160.2930, 54.6000, 34.7280



158.7130, 71.3330, 45.3570



166.7550, 61.2060, 14.1180



109.6310, 5.5930, 3.2650



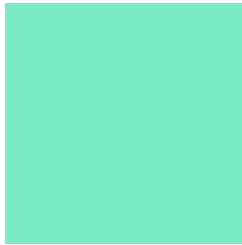
60.8450, 88.9370, 56.7210



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 196.7070, -54.6000, -34.7280 looks on a white background.

Color Contrast Check

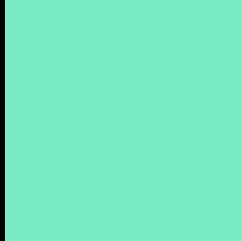
Large Text (above 18pt) WCAG AA × Fail

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 196.7070, -54.6000, -34.7280 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

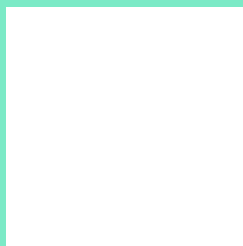
Any Text WCAG AAA ✓ Pass

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

YIQ 196.7070, -54.6000, -34.7280 Background



This preview shows how black text looks on a background with the YIQ color 196.7070, -54.6000, -34.7280.



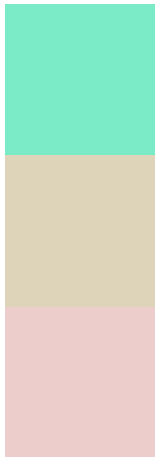
This preview shows how white text looks on a background with the YIQ color 196.7070, -54.6000, -34.7280.

-34.7280.

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

196.7070, -54.6000, -34.7280

Protanopia

212.0260, 14.3060, -5.9660

Deuteranopia

214.1550, 18.7970, 6.2610



Tritanopia

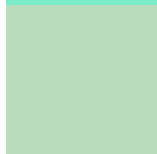
201.9570, -60.3350, -13.3830

Trichromacy



Original Color

196.7070, -54.6000, -34.7280



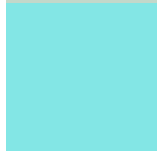
Protanomaly

206.4140, -10.6340, -16.5380



Deuteranomaly

208.1250, -8.0220, -8.8060



Tritanomaly

200.2850, -58.6830, -21.2990

Monochromacy



Original Color

196.7070, -54.6000, -34.7280



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

196.5580, -19.6670, -12.5230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7070, -54.6000, -34.7280 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, 234, 198)` looks like.

```
.text, #text, p{  
    color:rgb(123, 234, 198)  
}
```

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, 234, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 234, 198) }
```

Border

The CSS property to change the border of an element to YIQ 196.7070, -54.6000, -34.7280 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, 234, 198) }
```


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

```
.border{ border-color:rgb(123, 234, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 234, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 234, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 234, 198);  
box-shadow:4px 4px 4px 4px rgb(123, 234,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7070, -54.6000, -34.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 234, 198) }
```

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

```
.background{ background-color: rgb(123,  
234, 198) }
```

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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