

Converting Colors

YIQ(194.8240, -86.5070,
-56.7070)

Have a look what the booklet for
YIQ(194.8240, -86.5070, -56.7070)
contains.

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Color

**YIQ(194.8240, -86.5070,
-56.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	4DFFC2
RGB	77, 255, 194
RGB Percent	30%, 100%, 76%
CMY	0.6985, 0.0000, 0.2395
CMYK	0.70, 0.00, 0.24, 0.00
HSL	159°, 100%, 65%
HSV	159°, 70%, 100%
XYZ	48.5402, 76.9845, 63.2957
YIQ	194.8240, -86.5070, -56.7070

Conversions

Conversions Part 2

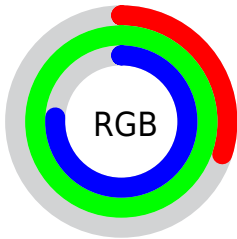
Format	Color
RYB	77, 184, 255
Decimal	5111746
CIELab	90.31, -58.59, 16.38
CIELCh	90, 60.839, 164.378
Yxy	76.9845, 0.2571, 0.4077
Android (android.graphics.Color)	4283301826 (0xFF4DFFC2)
YUV	194.8240, -0.4062, -103.3316
Hunter-Lab	87.7408, -54.7962, 18.6472

Details

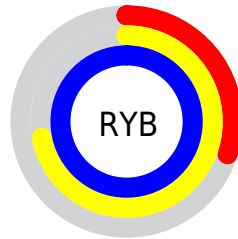
The YIQ color **194.8240, -86.5070, -56.7070** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **137.1760, 86.5070, 56.7070**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9530, -63.6800, -24.3520**, and **131.5990, -99.1150, -59.4910** is the 20% darker color. If you saturate the color by 10%, you get **186.0240, -99.1140, -65.0180**, and if you desaturate by 10%, it is **203.3250, -74.4960, -48.6080**.

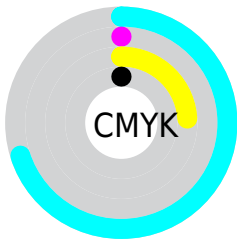
Distribution



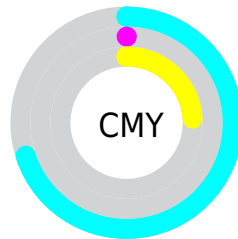
- Red (30%)
- Green (100%)
- Blue (76%)



- Red (30%)
- Yellow (72%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.8240, -86.5070, -56.7070 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 194.8240, -86.5070, -56.7070 by changing the saturation by 10% instead.

■ 194.8240,
-86.5070, -56.7070

■ 194.8240,
-86.5070, -56.7070

■ 255.0000, -0.0000,
-0.0000

■ 159.1750,
-100.8570, -60.9610

■ 221.9530,
-63.6800, -24.3520

■ 131.5990,
-99.1150, -59.4910

■ 231.9770,
-45.8920, -16.3240

■ 112.3130,
-83.3900, -52.6220

■ 241.2460,
-27.4160, -9.7520

■ 93.6140, -67.9400,
-46.2760

■ 250.5150, -8.9400,
-3.1800

■ 75.0290, -52.8110,
-39.6190

■ 57.2590, -38.5990,
-32.8630

■ 40.1900, -24.9830,

-26.3190

■ 24.0670, -11.2750,
-21.4430

■ 1.1740, -0.5500,
-1.0460

■ 194.8240,
-86.5070, -56.7070

■ 194.8240,
-86.5070, -56.7070

■ 186.0240,
-99.1140, -65.0180

■ 203.3250,
-74.4960, -48.6080

■ 177.5230,
-111.1250, -73.1170

■ 212.0110,
-61.5680, -40.6080

■ 168.8370,
-124.0530, -81.1170

■ 220.5120,
-49.5570, -32.5090

■ 229.3120,
-36.9500, -24.1980

■ 237.8130,
-24.9390, -16.0990

■ 246.4990,
-12.0110, -8.0990

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



211.8930, -11.8660, -49.2900



194.8240, -86.5070, -56.7070



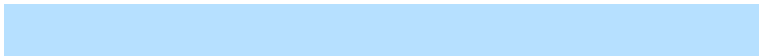
178.6410, -151.6590, -54.3710

Triad

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



194.8240, -86.5070, -56.7070



214.9760, -34.9830, 0.7370



205.8210, 51.6720, -0.3280

Complementary

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



194.8240, -86.5070, -56.7070



137.1760, 86.5070, 56.7070

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.



204.2320, 38.2340, 22.9540



194.8240, -86.5070, -56.7070



223.3020, 14.8500, 28.2420

Square

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



194.8240, -86.5070, -56.7070



171.1240, -148.4050, -47.2610



212.7360, 19.8000, 37.6560



214.2720, 56.8110, -21.8850

Rectangle

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



194.8240, -86.5070, -56.7070



178.7550, -151.9800, -54.0600



212.7360, 19.8000, 37.6560



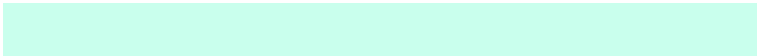
204.8240, 47.5900, 7.5740

Sweetspot

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



194.8240, -86.5070, -56.7070



236.8020, -26.4060, -17.0460



200.0240, -11.9980, -79.9500



117.1780, -15.5410, -10.2050



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.



194.8240, -86.5070, -56.7070



182.6920, -104.1110, -68.0710



185.9290, -98.6630, -23.6150



123.5430, -6.1430, -4.3110



126.4810, -92.9710, -60.7070



42.3560, -31.0820, -20.4100

Inverse Universe

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



137.1760, 86.5070, 56.7070



113.3080, 104.1110, 68.0710



146.0710, 98.6630, 23.6150



119.3430, 6.4640, 4.0000



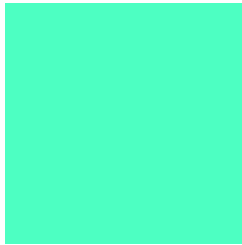
64.6330, 92.6500, 61.0180



21.6440, 31.0820, 20.4100

Previews

White Background



This preview shows how the YIQ color 194.8240, -86.5070, -56.7070 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 194.8240, -86.5070, -56.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

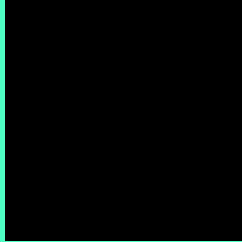
Any Text WCAG AA ✓ Pass

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 194.8240, -86.5070, -56.7070 Background



This preview shows how black text looks on a background with the YIQ color 194.8240, -86.5070, -56.7070.



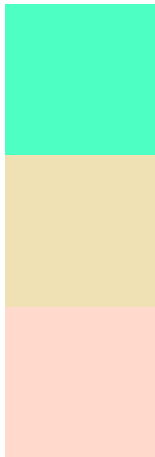
This preview shows how white text looks on a background with the YIQ color 194.8240, -86.5070, -56.7070.

-56.7070.

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

194.8240, -86.5070, -56.7070

Protanopia

223.9420, 23.1100, -11.3380

Deuteranopia

226.7660, 27.1420, 3.7020



Tritanopia

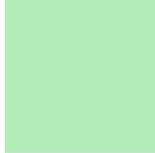
215.3980, -57.2630, -13.9910

Trichromacy



Original Color

194.8240, -86.5070, -56.7070



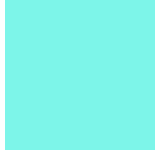
Protanomaly

213.3280, -16.6840, -28.0440



Deuteranomaly

215.2070, -14.4850, -18.3330



Tritanomaly

207.7520, -67.6680, -29.1720

Monochromacy



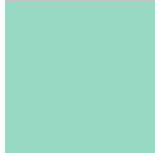
Original Color

194.8240, -86.5070, -56.7070



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.0570, -31.6780, -20.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.8240, -86.5070, -56.7070 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(77, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 194)  
}
```

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(77, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 194) }
```

Border

The CSS property to change the border of an element to YIQ 194.8240, -86.5070, -56.7070 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(77, 255, 194) }
```


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

```
.border{ border-color:rgb(77, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 194.8240, -86.5070, -56.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 194) }
```

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

```
.background{ background-color: rgb(77, 255,  
194) }
```

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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