

Converting Colors

YIQ(194.1050, -40.8010,
-25.9930)

Have a look what the booklet for
YIQ(194.1050, -40.8010, -25.9930)
contains.

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Color

**YIQ(194.1050, -40.8010,
-25.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	8BDEC3
RGB	139, 222, 195
RGB Percent	55%, 87%, 76%
CMY	0.4551, 0.1293, 0.2354
CMYK	0.37, 0.00, 0.12, 0.13
HSL	160°, 56%, 71%
HSV	160°, 37%, 87%
XYZ	46.6151, 61.6838, 61.0577
YIQ	194.1050, -40.8010, -25.9930

Conversions

Conversions Part 2

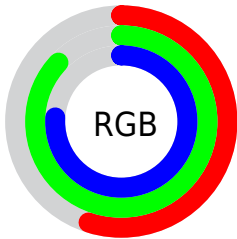
Format	Color
RYB	139, 189, 222
Decimal	9166531
CIELab	82.74, -31.32, 5.32
CIELCh	83, 31.769, 170.353
Yxy	61.6838, 0.2752, 0.3642
Android (android.graphics.Color)	4287356611 (0xFF8BDEC3)
YUV	194.1050, 0.4412, -48.3271
Hunter-Lab	78.5390, -31.4986, 8.8842

Details

The YIQ color **194.1050, -40.8010, -25.9930** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **166.8950, 40.8010, 25.9930**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7180, -34.7970, -13.6530**, and **138.6320, -40.8470, -25.1590** is the 20% darker color. If you saturate the color by 10%, you get **186.7290, -51.6660, -32.8340**, and if you desaturate by 10%, it is **201.4810, -29.9360, -19.1520**.

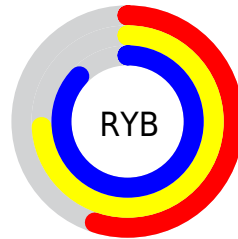
Distribution



Red (55%)

Green (87%)

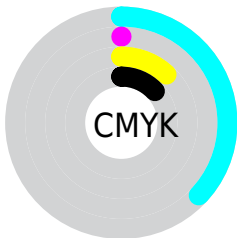
Blue (76%)



Red (55%)

Yellow (74%)

Blue (87%)

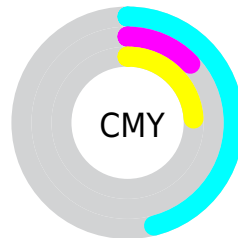


Cyan (37%)

Magenta (0%)

Yellow (12%)

Black (13%)



Cyan (46%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.1050, -40.8010, -25.9930 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 194.1050, -40.8010, -25.9930 by changing the saturation by 10% instead.

■ 194.1050,
-40.8010, -25.9930

■ 194.1050,
-40.8010, -25.9930

■ 255.0000, -0.0000,
-0.0000

■ 166.2190,
-41.1220, -25.6820

■ 236.6040,
-34.4760, -13.9640

■ 138.6320,
-40.8470, -25.1590

■ 245.7310,
-18.4760, -6.5720

■ 112.1480,
-42.3600, -25.2720

■ 254.4020, -1.1920,
-0.4240

■ 84.7670, -45.6610,
-26.0210

■ 59.9950, -46.3030,
-25.3990

■ 43.3990, -32.6410,
-19.6890

■ 27.5040, -19.5750,

-14.1910

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 194.1050,
-40.8010, -25.9930

■ 194.1050,
-40.8010, -25.9930

■ 186.7290,
-51.6660, -32.8340

■ 201.4810,
-29.9360, -19.1520

■ 179.2390,
-62.2100, -39.9860

■ 208.8570,
-19.0710, -12.3110

■ 171.5640,
-73.6710, -47.0390

■ 216.6460, -7.9310,
-4.9470

■ 164.1880,
-84.5360, -53.8800

■ 224.0220, 2.9340,
1.8940

■ 156.8120,
-95.4010, -60.7210

■ 231.3980, 13.7990,
8.7350

■ 149.4360,
-106.2660, -67.5620

■ 233.6910, 14.5320,
11.9720

■ 147.4140,
-109.2000, -69.4560

■ 234.6030, 11.9640,
14.4600

■ 235.4010, 9.7170,
16.6370

■ 235.6290, 9.0750,
17.2590

Harmonies

Analogous

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



198.4320, -11.0450, -25.6130



194.1050, -40.8010, -25.9930



190.7620, -64.4600, -21.2280

Triad

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



194.1050, -40.8010, -25.9930



206.5470, -19.9930, 15.4230



206.7160, 47.7740, 4.2380

Complementary

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



194.1050, -40.8010, -25.9930



166.8950, 40.8010, 25.9930

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.



206.1580, 41.0780, 15.4620



194.1050, -40.8010, -25.9930



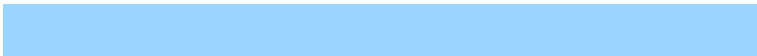
210.7850, 8.9360, 25.2880

Square

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



194.1050, -40.8010, -25.9930



199.8590, -47.7750, 1.2890



209.5780, 31.4480, 24.7920



205.3090, 38.1940, -9.3740

Rectangle

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



194.1050, -40.8010, -25.9930



192.2270, -69.9630, -15.1070



209.5780, 31.4480, 24.7920



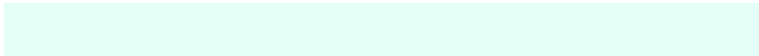
205.8670, 46.0310, 8.2950

Sweetspot

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



194.1050, -40.8010, -25.9930



245.6020, -13.7990, -8.7350



196.0930, -6.1370, -37.4730



122.2330, -8.2060, -5.4700



0.0000, 0.0000, 0.0000



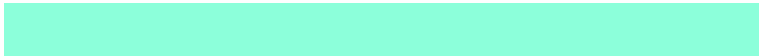
128.0000, -0.0000, -0.0000

Same Dimension

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



194.1050, -40.8010, -25.9930



216.3970, -56.6630, -35.8870



188.9650, -45.6180, -10.2740



108.3690, -5.5930, -3.2650



116.8780, -86.5990, -55.0390



31.9380, -23.7930, -14.8410

Inverse Universe

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



166.8950, 40.8010, 25.9930



178.7170, 56.3420, 36.1980



172.0350, 45.6180, 10.2740



104.7450, 5.2720, 3.5760



59.1220, 86.5990, 55.0390



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 194.1050, -40.8010, -25.9930 looks on a white background.

Color Contrast Check

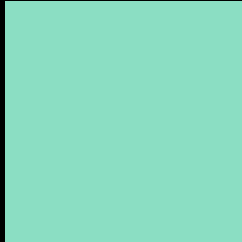
Large Text (above 18pt) WCAG AA × Fail

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 194.1050, -40.8010, -25.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

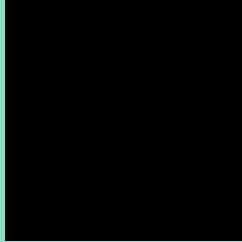
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

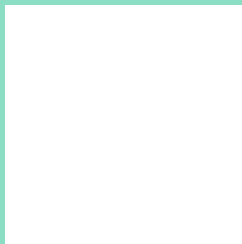
Any Text WCAG AAA ✓ Pass

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

YIQ 194.1050, -40.8010, -25.9930 Background



This preview shows how black text looks on a background with the YIQ color 194.1050, -40.8010, -25.9930.



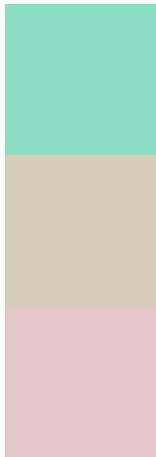
This preview shows how white text looks on a background with the YIQ color 194.1050, -40.8010, -25.9930.

-25.9930.

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**

194.1050, -40.8010, -25.9930

Protanopia

204.5250, 11.4630, -4.0010

Deuteranopia

206.8990, 16.6420, 6.7700



Tritanopia

197.7200, -46.3060, -8.8180

Trichromacy



Original Color

194.1050, -40.8010, -25.9930

Protanomaly

201.0170, -7.8380, -12.1420

Deuteranomaly

202.3860, -4.2630, -5.3430

Tritanomaly

196.4010, -44.1500, -14.8540

Monochromacy



Original Color

194.1050, -40.8010, -25.9930

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.8900, -14.6700, -9.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.1050, -40.8010, -25.9930 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(139, 222, 195)` looks like.

```
.text, #text, p{  
    color:rgb(139, 222, 195)  
}
```

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(139, 222, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 222, 195) }
```

Border

The CSS property to change the border of an element to YIQ 194.1050, -40.8010, -25.9930 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(139, 222, 195) }
```


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

```
.border{ border-color:rgb(139, 222, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 222, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 222, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 222, 195); box-shadow:4px 4px 4px 4px rgb(139, 222, 195) }
```

Background

The CSS property to change the background color of an element to YIQ 194.1050, -40.8010, -25.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 222, 195) }
```

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

```
.background{ background-color: rgb(139,  
222, 195) }
```

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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