

Converting Colors

YIQ(210.6020, -67.6660,
-40.2260)

Have a look what the booklet for
YIQ(210.6020, -67.6660, -40.2260)
contains.

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Color

**YIQ(210.6020, -67.6660,
-40.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	79FFD9
RGB	121, 255, 217
RGB Percent	47%, 100%, 85%
CMY	0.5258, 0.0000, 0.1493
CMYK	0.53, 0.00, 0.15, 0.00
HSL	163°, 100%, 74%
HSV	163°, 53%, 100%
XYZ	56.1494, 80.5852, 78.1992
YIQ	210.6020, -67.6660, -40.2260

Conversions

Conversions Part 2

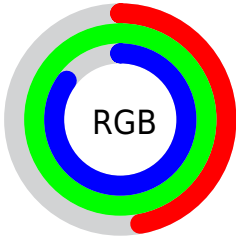
Format	Color
RYB	121, 199, 255
Decimal	7995353
CIELab	91.95, -45.75, 7.01
CIELCh	92, 46.283, 171.290
Yxy	80.5852, 0.2612, 0.3749
Android (android.graphics.Color)	4286185433 (0xFF79FFD9)
YUV	210.6020, 3.1542, -78.5810
Hunter-Lab	89.7693, -45.4471, 11.1902

Details

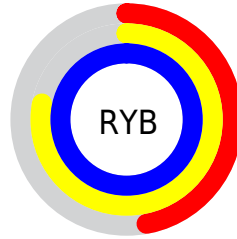
The YIQ color **210.6020, -67.6660, -40.2260** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **165.3980, 67.6660, 40.2260**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **232.8740, -44.1040, -15.6880**, and **151.1390, -73.6720, -41.5120** is the 20% darker color. If you saturate the color by 10%, you get **202.0300, -80.9150, -47.9150**, and if you desaturate by 10%, it is **218.8750, -55.0130, -32.7490**.

Distribution



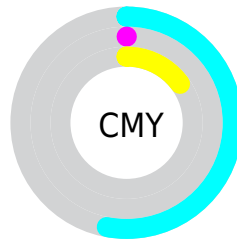
- Red (47%)
- Green (100%)
- Blue (85%)



- Red (47%)
- Yellow (78%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.6020, -67.6660, -40.2260 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 210.6020, -67.6660, -40.2260 by changing the saturation by 10% instead.

210.6020,
-67.6660, -40.2260

210.6020,
-67.6660, -40.2260

255.0000, -0.0000,
-0.0000

181.1180,
-69.1790, -40.3390

232.8740,
-44.1040, -15.6880

150.8400,
-74.2680, -41.7240

241.8440,
-26.2240, -9.3280

115.2940,
-90.4060, -46.6140

251.1130, -7.7480,
-2.7560

96.5950, -74.9560,
-40.2680

77.8960, -59.5060,
-33.9220

60.5990, -45.2480,
-28.0000

43.4160, -31.3110,

-21.7670

■ 28.2220, -18.8410,
-16.4810

■ 7.6310, -3.5750,
-6.7990

■ 210.6020,
-67.6660, -40.2260

■ 210.6020,
-67.6660, -40.2260

■ 202.0300,
-80.9150, -47.9150

■ 218.8750,
-55.0130, -32.7490

■ 193.6430,
-93.2470, -55.7030

■ 227.4470,
-41.7640, -25.0600

■ 185.0710,
-106.4960, -63.3920

■ 235.8340,
-29.4320, -17.2720

■ 176.7980,
-119.1490, -70.8690

■ 244.4060,
-16.1830, -9.5830

■ 170.5470,
-128.8680, -76.4520

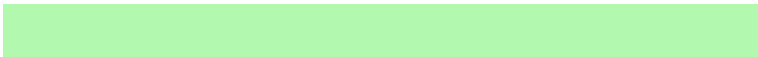
■ 252.6790, -3.5300,
-2.1060

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.



219.3350, -18.5620, -38.0660



210.6020, -67.6660, -40.2260



197.2930, -115.0280, -40.9160

Triad

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



210.6020, -67.6660, -40.2260



226.3270, -13.8020, 7.8460



218.2110, 41.5860, -4.7660

Complementary

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



210.6020, -67.6660, -40.2260



165.3980, 67.6660, 40.2260

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.



216.0860, 32.4130, 12.8050



210.6020, -67.6660, -40.2260



227.9980, 12.6500, 24.0580

Square

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



210.6020, -67.6660, -40.2260



213.6040, -60.8390, -15.2630



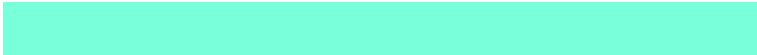
221.2160, 17.9680, 26.8000



224.7360, 43.8810, -18.8310

Rectangle

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



210.6020, -67.6660, -40.2260



193.7270, -119.2460, -41.5660



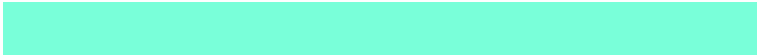
221.2160, 17.9680, 26.8000



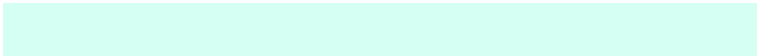
216.5300, 39.4300, 1.2700

Sweetspot

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



210.6020, -67.6660, -40.2260



241.3730, -20.5840, -12.4240



211.6180, -13.0100, -61.6020



119.7270, -12.6530, -7.4770



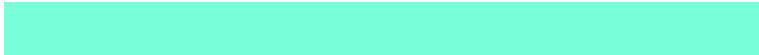
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



210.6020, -67.6660, -40.2260



201.6170, -81.1900, -48.4380



199.0850, -72.4390, -14.2870



123.6570, -6.4640, -4.0000



127.7350, -96.5020, -57.2860



42.8120, -32.3660, -19.1660

Inverse Universe

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



165.3980, 67.6660, 40.2260



147.3830, 81.1900, 48.4380



176.9150, 72.4390, 14.2870



119.2290, 6.7850, 3.6890



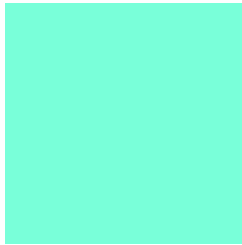
63.2650, 96.5020, 57.2860



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 210.6020, -67.6660, -40.2260 looks on a white background.

Color Contrast Check

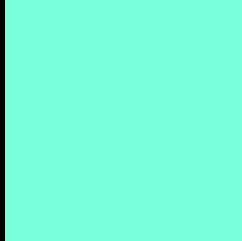
Large Text (above 18pt) WCAG AA × Fail

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 210.6020, -67.6660, -40.2260 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 210.6020, -67.6660, -40.2260 Background



This preview shows how black text looks on a background with the YIQ color 210.6020, -67.6660, -40.2260.



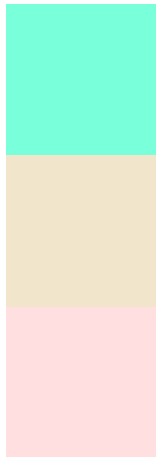
This preview shows how white text looks on a background with the YIQ color 210.6020, -67.6660, -40.2260.

-40.2260.

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

210.6020, -67.6660, -40.2260

Protanopia

230.3250, 14.9020, -5.7540

Deuteranopia

232.6820, 18.7510, 7.0950



Tritanopia

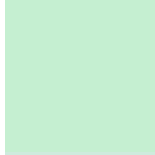
224.3460, -42.3170, -9.5250

Trichromacy



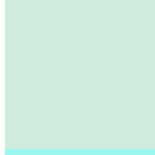
Original Color

210.6020, -67.6660, -40.2260



Protanomaly

223.0220, -15.4020, -18.2340



Deuteranomaly

224.7330, -12.7900, -10.5020



Tritanomaly

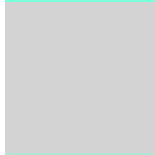
219.4060, -51.7140, -20.9460

Monochromacy



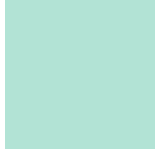
Original Color

210.6020, -67.6660, -40.2260



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

210.7530, -24.7100, -14.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.6020, -67.6660, -40.2260 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(121, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(121, 255, 217)  
}
```

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(121, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 255, 217) }
```

Border

The CSS property to change the border of an element to YIQ 210.6020, -67.6660, -40.2260 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(121, 255, 217) }
```


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

```
.border{ border-color:rgb(121, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(121, 255,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 210.6020, -67.6660, -40.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 255, 217) }
```

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

```
.background{ background-color: rgb(121,  
255, 217) }
```

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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