

Converting Colors

YIQ(207.5500, -69.9150,
-26.9950)

Have a look what the booklet for
YIQ(207.5500, -69.9150, -26.9950)
contains.

YIQ(207.5500, -69.9150, -26.9950)	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(207.5500, -69.9150,
-26.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	7CF4EF
RGB	124, 244, 239
RGB Percent	49%, 96%, 94%
CMY	0.5140, 0.0429, 0.0630
CMYK	0.49, 0.00, 0.02, 0.04
HSL	177°, 85%, 72%
HSV	177°, 49%, 96%
XYZ	56.2371, 75.2392, 93.1659
YIQ	207.5500, -69.9150, -26.9950

Conversions

Conversions Part 2

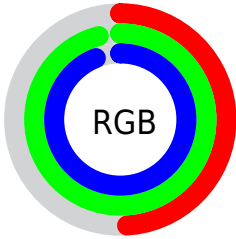
Format	Color
RYB	124, 185, 244
Decimal	8189167
CIELab	89.50, -35.01, -7.97
CIELCh	90, 35.901, 192.823
Yxy	75.2392, 0.2503, 0.3349
Android (android.graphics.Color)	4286379247 (0xFF7CF4EF)
YUV	207.5500, 15.5049, -73.2733
Hunter-Lab	86.7405, -36.0678, -2.9636

Details

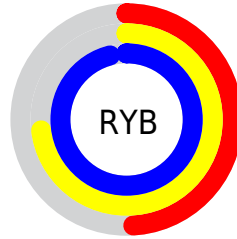
The YIQ color **207.5500, -69.9150, -26.9950** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **160.4500, 69.9150, 26.9950**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **233.7710, -42.3160, -15.0520**, and **148.2720, -75.0040, -28.3800** is the 20% darker color. If you saturate the color by 10%, you get **200.2600, -83.8980, -32.3940**, and if you desaturate by 10%, it is **214.8400, -55.9320, -21.5960**.

Distribution



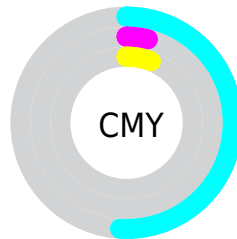
- Red (49%)
- Green (96%)
- Blue (94%)



- Red (49%)
- Yellow (73%)
- Blue (96%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (51%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.5500, -69.9150, -26.9950 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 207.5500, -69.9150, -26.9950 by changing the saturation by 10% instead.

207.5500,
-69.9150, -26.9950

207.5500,
-69.9150, -26.9950

255.0000, -0.0000,
-0.0000

178.0660,
-71.4280, -27.1080

233.7710,
-42.3160, -15.0520

148.2720,
-75.0040, -28.3800

242.7410,
-24.4360, -8.6920

112.6010,
-92.2880, -34.5280

251.7110, -6.5560,
-2.3320

92.8910, -78.3050,
-29.1290

75.3660, -63.4050,
-23.8290

57.9550, -48.8260,
-18.2180

41.2450, -34.8430,

-12.8190

■ 26.5240, -22.3270,
-8.3670

■ 2.4110, -5.4110,
4.4530

■ 207.5500,
-69.9150, -26.9950

■ 207.5500,
-69.9150, -26.9950

■ 200.2600,
-83.8980, -32.3940

■ 214.8400,
-55.9320, -21.5960

■ 192.6710,
-98.4770, -38.0050

■ 222.4290,
-41.3530, -15.9850

■ 185.3810,
-112.4600, -43.4040

■ 229.7190,
-27.3700, -10.5860

■ 177.7920,
-127.0390, -49.0150

■ 237.3080,
-12.7910, -4.9750

■ 170.5020,
-141.0220, -54.4140

■ 244.5980, 1.1920,
0.4240

■ 169.9040,
-142.2140, -54.8380

■ 247.4030, 6.2350,
2.6430

■ 247.5170, 5.9140,
2.9540

■ 247.6310, 5.5930,
3.2650

■ 247.7450, 5.2720,
3.5760

Harmonies

Analogous

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



212.5410, -39.3330, -30.5730



207.5500, -69.9150, -26.9950



206.1180, -77.2060, -21.5100

Triad

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



207.5500, -69.9150, -26.9950



227.0790, 7.9280, 21.5280



221.2770, 41.2200, -9.1480

Complementary

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



207.5500, -69.9150, -26.9950



160.4500, 69.9150, 26.9950

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.



217.1000, 37.8250, 2.8250



207.5500, -69.9150, -26.9950



222.8630, 17.4640, 24.9200

Square

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



207.5500, -69.9150, -26.9950



220.3690, -22.7880, 5.5000



217.6990, 29.2490, 15.0810



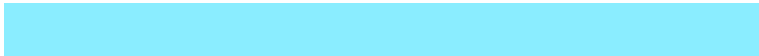
221.8140, 26.0460, -20.4980

Rectangle

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



207.5500, -69.9150, -26.9950



209.4510, -64.7820, -15.3900



217.6990, 29.2490, 15.0810



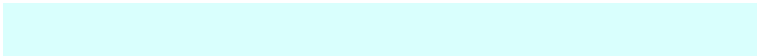
219.4990, 40.7150, -5.5010

Sweetspot

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



207.5500, -69.9150, -26.9950



243.4100, -22.0060, -8.6780



196.2340, -29.4240, -61.4880



121.0090, -13.3870, -5.1870



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.



207.5500, -69.9150, -26.9950



209.4660, -87.4740, -33.6660



176.4220, -56.6700, 2.8020



118.4120, -7.1520, -2.5440



129.4740, -108.2880, -41.9200



41.0170, -34.2010, -13.4410

Inverse Universe

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



160.4500, 69.9150, 26.9950



150.5340, 87.4740, 33.6660



191.5780, 56.6700, -2.8020



113.7020, 6.8310, 2.8550



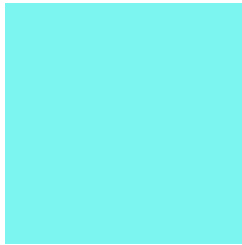
56.5260, 108.2880, 41.9200



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 207.5500, -69.9150, -26.9950 looks on a white background.

Color Contrast Check

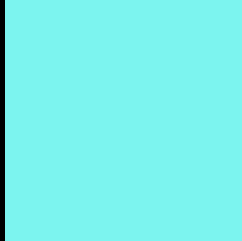
Large Text (above 18pt) WCAG AA × Fail

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 207.5500, -69.9150, -26.9950 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

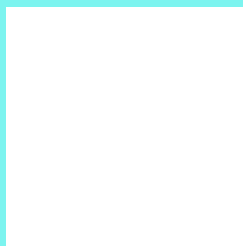
Any Text WCAG AAA ✓ Pass

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

YIQ 207.5500, -69.9150, -26.9950 Background



This preview shows how black text looks on a background with the YIQ color 207.5500, -69.9150, -26.9950.



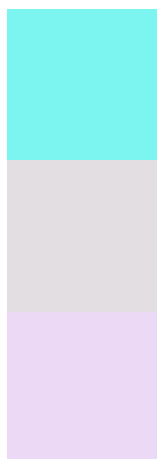
This preview shows how white text looks on a background with the YIQ color 207.5500, -69.9150, -26.9950.

-26.9950.

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

207.5500, -69.9150, -26.9950

Protanopia

223.9510, 1.6960, 2.3040

Deuteranopia

225.8730, 2.3360, 12.7360



Tritanopia

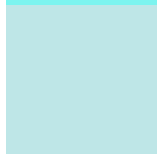
213.6260, -57.9050, -13.3690

Trichromacy



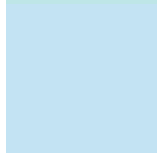
Original Color

207.5500, -69.9150, -26.9950



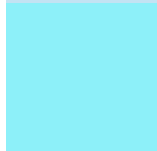
Protanomaly

218.1540, -24.1610, -8.1690



Deuteranomaly

219.2560, -24.2080, -1.8080



Tritanomaly

211.4250, -61.8930, -18.1890

Monochromacy



Original Color

207.5500, -69.9150, -26.9950



Achromatopsia

208.0000, -0.0000, -0.0000



Achromatomaly

207.6160, -25.5820, -9.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.5500, -69.9150, -26.9950 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(124, 244, 239)` looks like.

```
.text, #text, p{  
    color:rgb(124, 244, 239)  
}
```

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(124, 244, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 244, 239) }
```

Border

The CSS property to change the border of an element to YIQ 207.5500, -69.9150, -26.9950 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(124, 244, 239) }
```


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

```
.border{ border-color:rgb(124, 244, 239) }
```

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

Here you see how a box with a 4 pixel rgb(124, 244, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 244, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 244, 239);  
box-shadow:4px 4px 4px 4px rgb(124, 244,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 207.5500, -69.9150, -26.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 244, 239) }
```

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

```
.background{ background-color: rgb(124,  
244, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor