

Converting Colors

YIQ(203.6890, -80.5520,
-26.9520)

Have a look what the booklet for
YIQ(203.6890, -80.5520, -26.9520)
contains.

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Color

**YIQ(203.6890, -80.5520,
-26.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	6EF3F7
RGB	110, 243, 247
RGB Percent	43%, 95%, 97%
CMY	0.5689, 0.0468, 0.0317
CMYK	0.55, 0.02, 0.00, 0.03
HSL	182°, 89%, 70%
HSV	182°, 55%, 97%
XYZ	55.2636, 74.1548, 99.3297
YIQ	203.6890, -80.5520, -26.9520

Conversions

Conversions Part 2

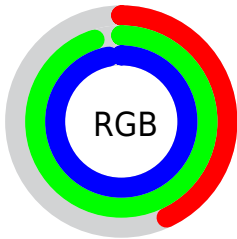
Format	Color
R _Y B	110, 177, 247
Decimal	7271415
CIE Lab	89.00, -35.25, -12.94
CIE LCh	89, 37.548, 200.165
Yxy	74.1548, 0.2416, 0.3242
Android (android.graphics.Color)	4285461495 (0xFF6EF3F7)
YUV	203.6890, 21.3523, -82.1653
Hunter-Lab	86.1132, -36.1449, -8.1105

Details

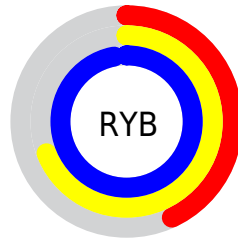
The YIQ color **203.6890, -80.5520, -26.9520** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **153.3110, 80.5520, 26.9520**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.1830, -49.4680, -17.5960**, and **140.5240, -93.3890, -31.0930** is the 20% darker color. If you saturate the color by 10%, you get **195.6270, -95.1770, -31.7290**, and if you desaturate by 10%, it is **211.7510, -65.9270, -22.1750**.

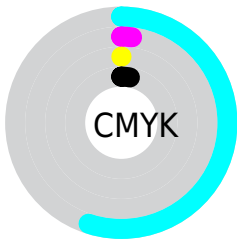
Distribution



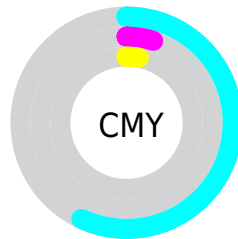
- Red (43%)
- Green (95%)
- Blue (97%)



- Red (43%)
- Yellow (69%)
- Blue (97%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (57%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.6890, -80.5520, -26.9520 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 203.6890, -80.5520, -26.9520 by changing the saturation by 10% instead.

203.6890,
-80.5520, -26.9520

203.6890,
-80.5520, -26.9520

255.0000, -0.0000,
-0.0000

173.1940,
-83.5320, -28.0120

230.1830,
-49.4680, -17.5960

140.5240,
-93.3890, -31.0930

239.4520,
-30.9920, -11.0240

112.0290,
-96.3690, -32.1530

248.4220,
-13.1120, -4.6640

93.6890, -80.5520,
-26.9520

75.5770, -65.3770,
-21.1290

58.1660, -50.7980,
-15.5180

41.3420, -36.4940,

-10.4300

■ 26.5070, -23.6570,
-6.2890

■ 3.0950, -7.3370,
6.3190

■ 203.6890,
-80.5520, -26.9520

■ 203.6890,
-80.5520, -26.9520

■ 195.6270,
-95.1770, -31.7290

■ 211.7510,
-65.9270, -22.1750

■ 188.4510,
-109.4810, -36.8170

■ 218.9270,
-51.6230, -17.0870

■ 180.3890,
-124.1060, -41.5940

■ 226.9890,
-36.9980, -12.3100

■ 172.3270,
-138.7310, -46.3710

■ 235.0510,
-22.3730, -7.5330

■ 169.0380,
-145.2870, -48.7030

■ 242.8140, -8.3440,
-2.9680

■ 249.3920, 4.7680,
1.6960

■ 249.9790, 4.4930,
1.1730

■ 250.5660, 4.2180,
0.6500

Harmonies

Analogous

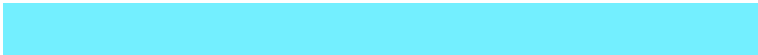
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.7400, -50.1990, -31.8870



203.6890, -80.5520, -26.9520



203.7480, -79.0400, -21.3120

Triad

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



203.6890, -80.5520, -26.9520



226.2370, 13.4750, 25.6270



221.0660, 43.1920, -11.8480

Complementary

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



203.6890, -80.5520, -26.9520



153.3110, 80.5520, 26.9520

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.



215.9600, 41.0350, -0.2850



203.6890, -80.5520, -26.9520



219.4890, 21.4530, 24.2130

Square

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



203.6890, -80.5520, -26.9520



221.0110, -15.7280, 9.7120



215.3850, 33.0090, 13.0170



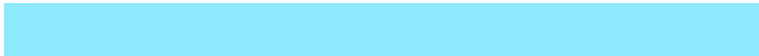
219.1830, 20.4530, -23.7630

Rectangle

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



203.6890, -80.5520, -26.9520



208.8860, -61.5730, -12.9730



215.3850, 33.0090, 13.0170



219.1740, 43.0080, -8.5120

Sweetspot

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



203.6890, -80.5520, -26.9520



241.5560, -25.3530, -8.5930



190.6470, -38.3170, -71.0290



119.6390, -15.2210, -4.9890



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.



203.6890, -80.5520, -26.9520



200.9360, -100.5410, -33.6370



164.3600, -62.1270, 8.0890



118.4120, -7.1520, -2.5440



127.4510, -109.4810, -36.8170



40.1850, -34.6140, -11.4620

Inverse Universe

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



166.1250, 38.9590, 70.4070



154.0530, 48.6300, 87.8780



192.6400, 62.1270, -8.0890



114.9560, 3.3000, 6.2760



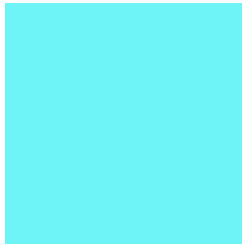
76.2480, 52.7550, 95.7230



24.1390, 16.8670, 30.2350

Previews

White Background



This preview shows how the YIQ color 203.6890, -80.5520, -26.9520 looks on a white background.

Color Contrast Check

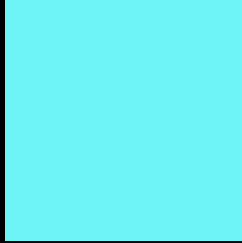
Large Text (above 18pt) WCAG AA × Fail

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 203.6890, -80.5520, -26.9520 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

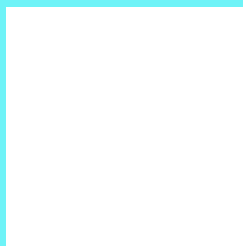
Any Text WCAG AAA ✓ Pass

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

YIQ 203.6890, -80.5520, -26.9520 Background



This preview shows how black text looks on a background with the YIQ color 203.6890, -80.5520, -26.9520.



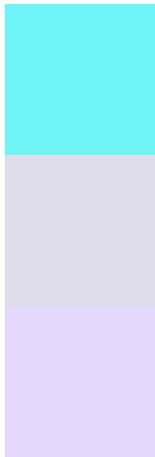
This preview shows how white text looks on a background with the YIQ color 203.6890, -80.5520, -26.9520.

-26.9520.

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

203.6890, -80.5520, -26.9520

Protanopia

222.9660, -2.6600, 4.1560

Deuteranopia

224.1050, -4.1290, 14.2630



Tritanopia

210.0380, -65.0570, -15.9130

Trichromacy



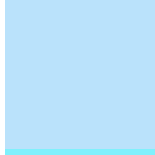
Original Color

203.6890, -80.5520, -26.9520



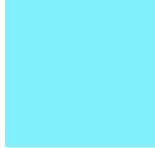
Protanomaly

215.9730, -30.9010, -7.1650



Deuteranomaly

216.8900, -31.8650, -0.7050



Tritanomaly

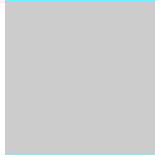
207.8800, -70.6040, -20.0120

Monochromacy



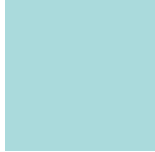
Original Color

203.6890, -80.5520, -26.9520



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.8760, -29.2500, -9.5540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.6890, -80.5520, -26.9520 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(110, 243, 247)` looks like.

```
.text, #text, p{  
    color:rgb(110, 243, 247)  
}
```

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(110, 243, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 243, 247) }
```

Border

The CSS property to change the border of an element to YIQ 203.6890, -80.5520, -26.9520 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(110, 243, 247) }
```


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

```
.border{ border-color:rgb(110, 243, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 243, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 243, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 243, 247);  
box-shadow:4px 4px 4px 4px rgb(110, 243,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 203.6890, -80.5520, -26.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 243, 247) }
```

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

```
.background{ background-color: rgb(110,  
243, 247) }
```

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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