

Converting Colors

YIQ(201.6110, -89.0800,
-26.5840)

Have a look what the booklet for
YIQ(201.6110, -89.0800, -26.5840)
contains.

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Color

**YIQ(201.6110, -89.0800,
-26.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	64F3FF
RGB	100, 243, 255
RGB Percent	39%, 95%, 100%
CMY	0.6081, 0.0468, 0.0004
CMYK	0.61, 0.05, 0.00, 0.00
HSL	185°, 100%, 70%
HSV	185°, 61%, 100%
XYZ	55.3498, 74.0557, 105.9066
YIQ	201.6110, -89.0800, -26.5840

Conversions

Conversions Part 2

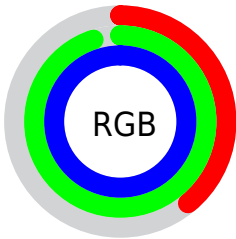
Format	Color
RYB	100, 174, 255
Decimal	6616063
CIELab	88.95, -34.83, -17.21
CIELCh	89, 38.850, 206.302
Yxy	74.0557, 0.2352, 0.3147
Android (android.graphics.Color)	4284806143 (0xFF64F3FF)
YUV	201.6110, 26.3208, -89.1128
Hunter-Lab	86.0556, -35.7885, -12.7278

Details

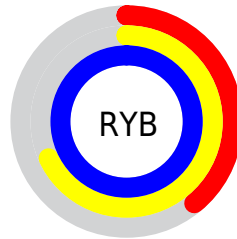
The YIQ color **201.6110, -89.0800, -26.5840** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **153.3890, 89.0800, 26.5840**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, -53.6400, -19.0800**, and **131.7540, -114.7080, -35.7000** is the 20% darker color. If you saturate the color by 10%, you get **192.6630, -104.0260, -31.0500**, and if you desaturate by 10%, it is **210.2600, -74.7300, -22.3300**.

Distribution



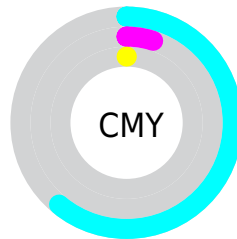
- Red (39%)
- Green (95%)
- Blue (100%)



- Red (39%)
- Yellow (68%)
- Blue (100%)



- Cyan (61%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.6110, -89.0800, -26.5840 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 201.6110, -89.0800, -26.5840 by changing the saturation by 10% instead.

201.6110,
-89.0800, -26.5840

201.6110,
-89.0800, -26.5840

255.0000, -0.0000,
-0.0000

169.9200,
-94.4440, -28.4920

228.0900,
-53.6400, -19.0800

131.7540,
-114.7080, -35.7000

237.3590,
-35.1640, -12.5080

112.8270,
-98.6160, -29.9760

246.6280,
-16.6880, -5.9360

94.4870, -82.7990,
-24.7750

76.3750, -67.6240,
-18.9520

58.8500, -52.7240,
-13.6520

42.0260, -38.4200,

-8.5640

■ 27.7780, -25.8580,
-4.9460

■ 3.7790, -9.2630,
8.1850

■ 201.6110,
-89.0800, -26.5840

■ 201.6110,
-89.0800, -26.5840

■ 192.6630,
-104.0260, -31.0500

■ 210.2600,
-74.7300, -22.3300

■ 184.0140,
-118.3760, -35.3040

■ 219.2080,
-59.7840, -17.8640

■ 175.0660,
-133.3220, -39.7700

■ 227.8570,
-45.4340, -13.6100

■ 167.0150,
-146.4800, -43.6000

■ 236.8050,
-30.4880, -9.1440

■ 245.4540,
-16.1380, -4.8900

■ 254.4020, -1.1920,
-0.4240

■ 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.



205.9500, -59.5980, -32.2540



201.6110, -89.0800, -26.5840



203.4600, -78.1690, -20.5770

Triad

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



201.6110, -89.0800, -26.5840



224.4760, 14.3000, 27.1960



221.1860, 42.7340, -14.5620

Complementary

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



201.6110, -89.0800, -26.5840



153.3890, 89.0800, 26.5840

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.



216.3360, 42.7320, -3.5080



201.6110, -89.0800, -26.5840



217.4030, 24.5710, 22.7710

Square

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



201.6110, -89.0800, -26.5840



221.6530, -8.6680, 13.9240



214.3590, 35.8980, 10.2180



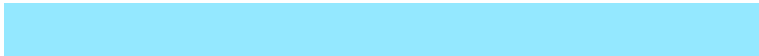
217.6660, 14.5390, -26.7170

Rectangle

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



201.6110, -89.0800, -26.5840



209.5060, -57.4470, -10.6550



214.3590, 35.8980, 10.2180



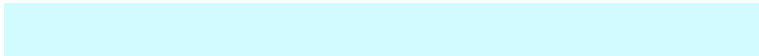
219.7780, 44.0630, -11.1130

Sweetspot

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



201.6110, -89.0800, -26.5840



238.8980, -26.3160, -7.6600



192.1250, -45.8350, -77.9550



117.5680, -16.4590, -4.5790



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.



201.6110, -89.0800, -26.5840



191.1680, -107.0060, -32.1100



156.9990, -68.1800, 13.1640



123.5260, -7.4730, -2.2330



125.6730, -109.9860, -33.1700



41.9290, -36.7690, -10.9530

Inverse Universe

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



162.6470, 46.4770, 77.3330



144.2220, 55.6440, 92.9240



198.0010, 68.1800, -13.1640



120.2550, 3.8960, 6.4880



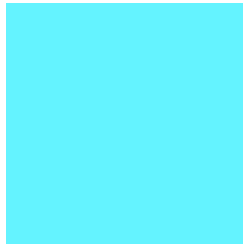
77.2870, 57.0190, 95.5390



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 201.6110, -89.0800, -26.5840 looks on a white background.

Color Contrast Check

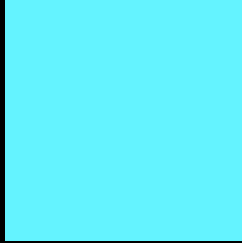
Large Text (above 18pt) WCAG AA × Fail

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 201.6110, -89.0800, -26.5840 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 201.6110, -89.0800, -26.5840 Background



This preview shows how black text looks on a background with the YIQ color 201.6110, -89.0800, -26.5840.



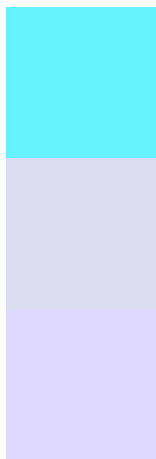
This preview shows how white text looks on a background with the YIQ color 201.6110, -89.0800, -26.5840.

-26.5840.

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

201.6110, -89.0800, -26.5840

Protanopia

222.2800, -6.4200, 6.2200

Deuteranopia

223.4250, -8.0260, 13.3020



Tritanopia

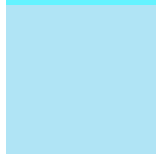
209.4290, -67.7160, -17.2840

Trichromacy



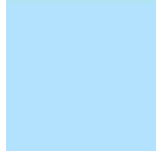
Original Color

201.6110, -89.0800, -26.5840



Protanomaly

214.3900, -36.4490, -5.7370



Deuteranomaly

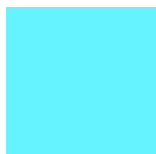
215.2530, -37.3210, -0.9450



Tritanomaly

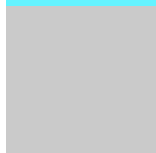
206.4280, -75.1430, -20.3510

Monochromacy



Original Color

201.6110, -89.0800, -26.5840



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

201.9080, -32.2760, -9.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.6110, -89.0800, -26.5840 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(100, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(100, 243, 255)  
}
```

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(100, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 243, 255) }
```

Border

The CSS property to change the border of an element to YIQ 201.6110, -89.0800, -26.5840 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(100, 243, 255) }
```


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

```
.border{ border-color:rgb(100, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(100, 243,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 201.6110, -89.0800, -26.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 243, 255) }
```

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

```
.background{ background-color: rgb(100,  
243, 255) }
```

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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