

Converting Colors

YIQ(202.0860, -65.0120,
-11.2200)

Have a look what the booklet for
YIQ(202.0860, -65.0120, -11.2200)
contains.

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Color

**YIQ(202.0860, -65.0120,
-11.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	85E3FF
RGB	133, 227, 255
RGB Percent	52%, 89%, 100%
CMY	0.4786, 0.1096, 0.0003
CMYK	0.48, 0.11, 0.00, 0.00
HSL	194°, 100%, 76%
HSV	194°, 48%, 100%
XYZ	55.1830, 67.1575, 104.6018
YIQ	202.0860, -65.0120, -11.2200

Conversions

Conversions Part 2

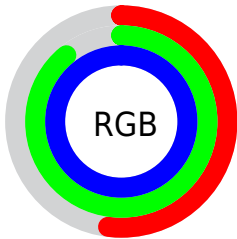
Format	Color
R_{YB}	133, 186, 255
Decimal	8774655
CIE _{Lab}	85.58, -20.74, -22.20
CIE _{LCh}	86, 30.382, 226.945
Yxy	67.1575, 0.2432, 0.2959
Android (android.graphics.Color)	4286964735 (0xFF85E3FF)
YUV	202.0860, 26.0866, -60.5884
Hunter-Lab	81.9497, -23.2142, -18.3139

Details

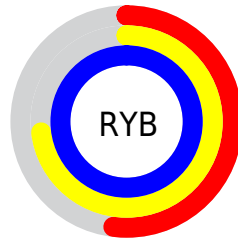
The YIQ color **202.0860, -65.0120, -11.2200** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **185.9140, 65.0120, 11.2200**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, -37.5480, -13.3560**, and **144.4770, -67.6710, -12.5910** is the 20% darker color. If you saturate the color by 10%, you get **190.7900, -78.8580, -13.5940**, and if you desaturate by 10%, it is **213.0830, -51.7620, -9.0580**.

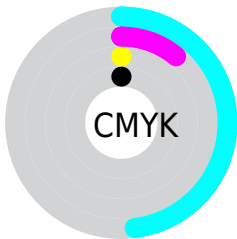
Distribution



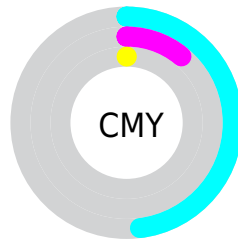
- Red (52%)
- Green (89%)
- Blue (100%)



- Red (52%)
- Yellow (73%)
- Blue (100%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.0860, -65.0120, -11.2200 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 202.0860, -65.0120, -11.2200 by changing the saturation by 10% instead.

202.0860,
-65.0120, -11.2200

202.0860,
-65.0120, -11.2200

255.0000, -0.0000,
-0.0000

173.3740,
-65.8830, -11.9550

236.1630,
-37.5480, -13.3560

145.0640,
-67.9460, -13.1140

245.1330,
-19.6680, -6.9960

115.0740,
-73.9060, -15.2340

254.1030, -1.7880,
-0.6360

86.2690, -78.9490,
-17.4530

68.7440, -64.0490,
-12.1530

51.8060, -49.4240,
-7.3760

36.1560, -35.6700,

-3.3340

■ 22.3810, -23.0620,
-0.5500

■ 3.6650, -8.9420,
7.8740

■ 202.0860,
-65.0120, -11.2200

■ 202.0860,
-65.0120, -11.2200

■ 190.7900,
-78.8580, -13.5940

■ 213.0830,
-51.7620, -9.0580

■ 179.7930,
-92.1080, -15.7560

■ 224.3790,
-37.9160, -6.6840

■ 169.0840,
-106.2290, -18.6530

■ 235.3760,
-24.6660, -4.5220

■ 158.0870,
-119.4790, -20.8150

■ 246.0850,
-10.5450, -1.6250

■ 146.7910,
-133.3250, -23.1890

255.0000, -0.0000,
-0.0000

■ 144.7090,
-136.0300, -23.7260

Harmonies

Analogous

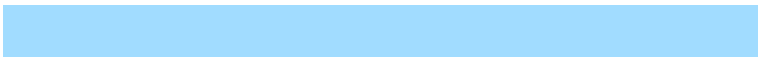
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200.3990, -59.0040, -20.9880



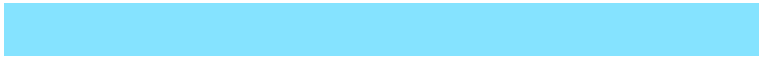
202.0860, -65.0120, -11.2200



206.3490, -46.3990, -1.6230

Triad

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



202.0860, -65.0120, -11.2200



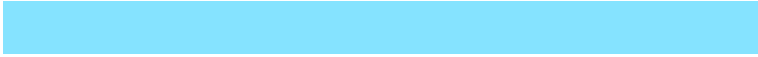
216.1150, 25.4420, 23.5060



210.6870, 19.2140, -17.8260

Complementary

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



202.0860, -65.0120, -11.2200



185.9140, 65.0120, 11.2200

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.



213.6620, 38.6980, -7.4940



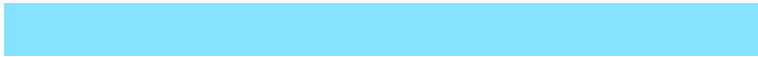
202.0860, -65.0120, -11.2200



212.1080, 35.3470, 14.6990

Square

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



202.0860, -65.0120, -11.2200



217.9910, 5.3600, 24.0160



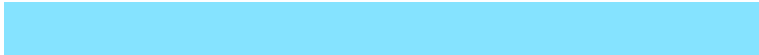
212.7800, 41.7220, 3.7860



207.2260, -7.4690, -24.3410

Rectangle

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



202.0860, -65.0120, -11.2200



210.9000, -28.6570, 7.2390



212.7800, 41.7220, 3.7860



211.6880, 26.6410, -14.7590

Sweetspot

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



202.0860, -65.0120, -11.2200



239.5400, -19.2560, -3.4480



207.5780, -41.8960, -55.7200



118.4870, -11.7370, -2.0490



0.0000, 0.0000, 0.0000



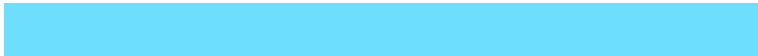
128.0000, -0.0000, -0.0000

Same Dimension

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



202.0860, -65.0120, -11.2200



192.2740, -77.3450, -13.4810



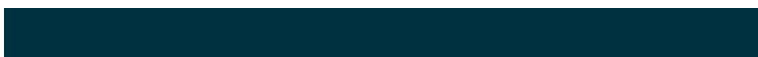
167.4530, -48.7870, 19.6370



122.3520, -6.9230, -1.1870



108.6500, -102.0110, -18.0030



36.0590, -34.0190, -5.7230

Inverse Universe

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



180.1940, 42.5380, 55.0980



166.1230, 50.4680, 65.5720



220.5470, 48.7870, -19.6370



120.0270, 4.5380, 5.8660



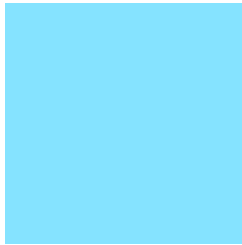
73.9810, 66.3280, 86.5200



24.7220, 22.4150, 28.8070

Previews

White Background



This preview shows how the YIQ color 202.0860, -65.0120, -11.2200 looks on a white background.

Color Contrast Check

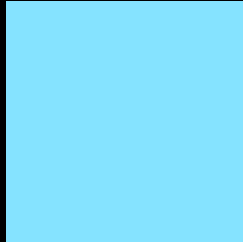
Large Text (above 18pt) WCAG AA × Fail

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 202.0860, -65.0120, -11.2200 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 202.0860, -65.0120, -11.2200 Background



This preview shows how black text looks on a background with the YIQ color 202.0860, -65.0120, -11.2200.



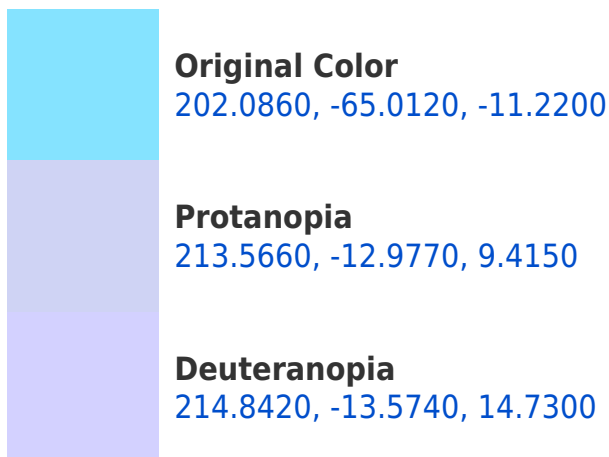
This preview shows how white text looks on a background with the YIQ color 202.0860, -65.0120, -11.2200.

-11.2200.

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





Tritanopia

200.8640, -64.5070, -14.8670

Trichromacy



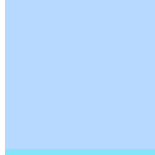
Original Color

202.0860, -65.0120, -11.2200



Protanomaly

209.4710, -32.0030, 1.7970



Deuteranomaly

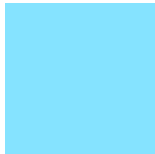
210.5790, -32.1870, 5.1330



Tritanomaly

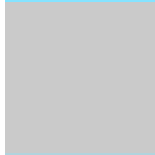
201.5050, -64.8740, -13.7220

Monochromacy



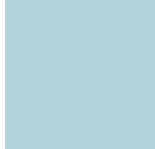
Original Color

202.0860, -65.0120, -11.2200



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

201.9740, -23.4740, -4.0980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.0860, -65.0120, -11.2200 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(133, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 227, 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(133, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 227, 255) }
```

Border

The CSS property to change the border of an element to YIQ 202.0860, -65.0120, -11.2200 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

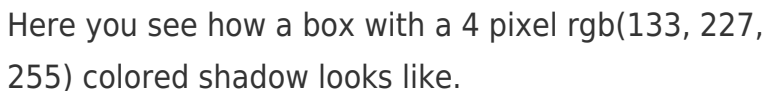
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 227, 255) }
```


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

```
.border{ border-color:rgb(133, 227, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 227, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 227, 255); box-shadow:4px 4px 4px 4px rgb(133, 227, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 202.0860, -65.0120, -11.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 227, 255) }
```

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

```
.background{ background-color: rgb(133,  
227, 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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