

Converting Colors

YIQ(195.8270, -35.5810,
11.5790)

Have a look what the booklet for
YIQ(195.8270, -35.5810, 11.5790)
contains.

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Color

**YIQ(195.8270, -35.5810,
11.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C6FF
RGB	169, 198, 255
RGB Percent	66%, 78%, 100%
CMY	0.3373, 0.2235, 0.0002
CMYK	0.34, 0.22, 0.00, 0.00
HSL	220°, 100%, 83%
HSV	220°, 34%, 100%
XYZ	54.5996, 56.0448, 102.5079
YIQ	195.8270, -35.5810, 11.5790

Conversions

Conversions Part 2

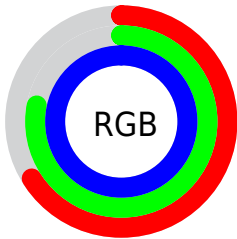
Format	Color
R _Y B	169, 191, 255
Decimal	11126527
CIE Lab	79.64, 3.40, -31.12
CIE LCh	80, 31.308, 276.243
Yxy	56.0448, 0.2562, 0.2629
Android (android.graphics.Color)	4289316607 (0xFFA9C6FF)
YUV	195.8270, 29.1723, -23.5273
Hunter-Lab	74.8631, -0.8256, -28.7799

Details

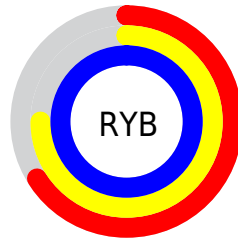
The YIQ color $195.8270, -35.5810, 11.5790$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $228.1730, 35.5810, -11.5790$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.3290, -17.2840, -6.1480$, and $141.1860, -35.2140, 10.4340$ is the 20% darker color. If you saturate the color by 10%, you get $178.0740, -46.4020, 14.9580$, and if you desaturate by 10%, it is $213.2810, -25.3560, 7.9880$.

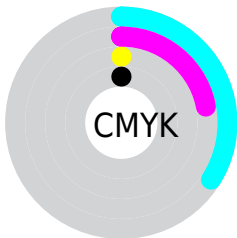
Distribution



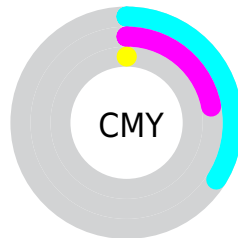
- Red (66%)
- Green (78%)
- Blue (100%)



- Red (66%)
- Yellow (75%)
- Blue (100%)



- Cyan (34%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.8270, -35.5810, 11.5790 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 195.8270, -35.5810, 11.5790 by changing the saturation by 10% instead.

■ 195.8270,
-35.5810, 11.5790

■ 195.8270,
-35.5810, 11.5790

■ 255.0000, -0.0000,
-0.0000

■ 168.3000,
-35.5350, 10.7450

■ 246.3290,
-17.2840, -6.1480

■ 141.1860,
-35.2140, 10.4340

■ 115.3600,
-35.7640, 9.3880

■ 89.5340, -36.3140,
8.3420

■ 64.3980, -38.9270,
6.1370

■ 39.3650, -43.3280,
3.2960

■ 24.3020, -29.8490,

6.8150

■ 6.5320, -15.6370,
13.5710

■ 3.4370, -8.3000,
7.2520

■ 195.8270,
-35.5810, 11.5790

■ 195.8270,
-35.5810, 11.5790

■ 178.0740,
-46.4020, 14.9580

■ 213.2810,
-25.3560, 7.9880

■ 160.6200,
-56.6270, 18.5490

■ 231.0340,
-14.5350, 4.6090

■ 143.1660,
-66.8520, 22.1400

■ 248.4880, -4.3100,
1.0180

■ 125.4130,
-77.6730, 25.5190

■ 255.0000, -0.0000,
-0.0000

■ 108.5460,
-88.1730, 28.5870

■ 90.7930, -98.9940,
31.9660

■ 79.5520,
-105.5050, 34.3270

Harmonies

Analogous

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



188.5800, -60.2910, -3.1630



195.8270, -35.5810, 11.5790



200.9620, -4.8640, 22.0800

Triad

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



195.8270, -35.5810, 11.5790



199.7150, 49.5150, 11.2350



187.8200, -26.8170, -26.1210

Complementary

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



195.8270, -35.5810, 11.5790



228.1730, 35.5810, -11.5790

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.



191.8420, 2.4800, -22.9280



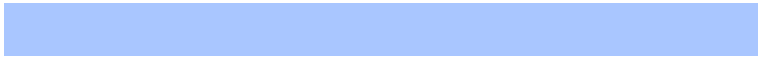
195.8270, -35.5810, 11.5790



198.0480, 43.6030, -2.7730

Square

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



195.8270, -35.5810, 11.5790



201.4450, 41.9480, 21.7240



194.8730, 27.5580, -14.8580



183.7430, -54.2810, -23.9850

Rectangle

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



195.8270, -35.5810, 11.5790



202.1230, 13.7960, 25.3160



194.8730, 27.5580, -14.8580



189.2080, -16.2260, -25.3300

Sweetspot

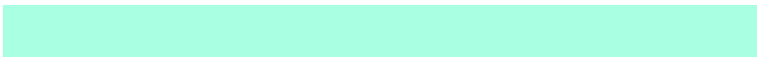
The Sweet Spot groups the original color and five complimentary colors.



195.8270, -35.5810, 11.5790



237.5460, -10.2250, 3.5910



225.8660, -41.6260, -27.5620



116.7590, -6.5110, 2.3610



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.



195.8270, -35.5810, 11.5790



184.5860, -42.0920, 13.9400



182.6910, -19.8580, 29.5020



118.8300, -5.2730, 1.9510



59.9290, -79.1860, 25.4060



20.2100, -26.5940, 8.3980

Inverse Universe

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



198.0200, 41.9470, 27.2510



187.3740, 49.8780, 32.1980



241.3090, 19.8580, -29.5020



119.3430, 6.4640, 4.0000



64.5190, 92.9710, 60.7070



21.6440, 31.0820, 20.4100

Previews

White Background



This preview shows how the YIQ color 195.8270, -35.5810, 11.5790 looks on a white background.

Color Contrast Check

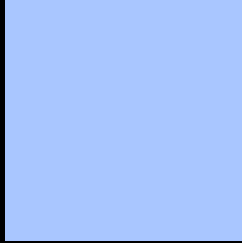
Large Text (above 18pt) WCAG AA × Fail

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 195.8270, -35.5810, 11.5790 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 195.8270, -35.5810, 11.5790

Background



This preview shows how black text looks on a background with the YIQ color 195.8270, -35.5810, 11.5790.



This preview shows how white text looks on a background with the YIQ color 195.8270, -35.5810, 11.5790.

11.5790.

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

195.8270, -35.5810, 11.5790

Protanopia

197.7250, -26.3660, 15.2820

Deuteranopia

198.2630, -24.9450, 17.0630



Tritanopia

193.0810, -31.0850, -3.8290

Trichromacy



Original Color

195.8270, -35.5810, 11.5790

Protanomaly

196.9310, -29.9420, 14.0100

Deuteranomaly

197.0560, -28.7960, 15.2680

Tritanomaly

194.1720, -32.5990, 1.5850

Monochromacy



Original Color

195.8270, -35.5810, 11.5790

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9910, -12.9760, 3.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.8270, -35.5810, 11.5790 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(169, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 198, 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(169, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 198, 255) }
```

Border

The CSS property to change the border of an element to YIQ 195.8270, -35.5810, 11.5790 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(169, 198, 255) }
```


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

```
.border{ border-color:rgb(169, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 198,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 195.8270, -35.5810, 11.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 198, 255) }
```

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

```
.background{ background-color: rgb(169,  
198, 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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