

Converting Colors

YIQ(190.0960, -35.4410,
-1.9770)

Have a look what the booklet for
YIQ(190.0960, -35.4410, -1.9770)
contains.

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Color

**YIQ(190.0960, -35.4410,
-1.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC9E2
RGB	155, 201, 226
RGB Percent	61%, 79%, 89%
CMY	0.3922, 0.2117, 0.1139
CMYK	0.31, 0.11, 0.00, 0.11
HSL	201°, 55%, 75%
HSV	201°, 31%, 89%
XYZ	48.1260, 54.2373, 79.8545
YIQ	190.0960, -35.4410, -1.9770

Conversions

Conversions Part 2

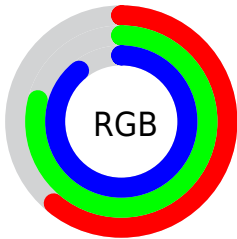
Format	Color
R _Y B	155, 183, 226
Decimal	10209762
CIE Lab	78.60, -9.24, -17.26
CIE LCh	79, 19.575, 241.841
Yxy	54.2373, 0.2641, 0.2977
Android (android.graphics.Color)	4288399842 (0xFF9BC9E2)
YUV	190.0960, 17.7007, -30.7792
Hunter-Lab	73.6460, -12.2346, -12.7361

Details

The YIQ color **190.0960, -35.4410, -1.9770** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **190.9040, 35.4410, 1.9770**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.8440, -26.2240, -9.3280**, and **135.9820, -35.1200, -2.2880** is the 20% darker color. If you saturate the color by 10%, you get **178.5230, -46.9490, -2.6690**, and if you desaturate by 10%, it is **201.6690, -23.9330, -1.2850**.

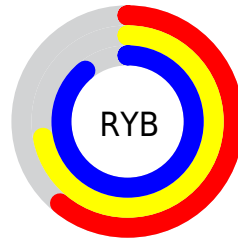
Distribution



Red (61%)

Green (79%)

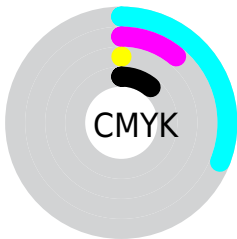
Blue (89%)



Red (61%)

Yellow (72%)

Blue (89%)

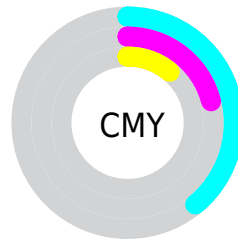


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (39%)

Magenta (21%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.0960, -35.4410, -1.9770 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 190.0960, -35.4410, -1.9770 by changing the saturation by 10% instead.

■ 190.0960,
-35.4410, -1.9770

■ 190.0960,
-35.4410, -1.9770

■ 255.0000, -0.0000,
-0.0000

■ 162.9820,
-35.1200, -2.2880

■ 241.8440,
-26.2240, -9.3280

■ 135.9820,
-35.1200, -2.2880

■ 250.5150, -8.9400,
-3.1800

■ 109.8680,
-34.7990, -2.5990

■ 85.0420, -35.3490,
-3.6450

■ 59.5470, -38.3290,
-4.7050

■ 37.3300, -36.2200,
-4.3800

■ 22.4950, -23.3830,

-0.2390

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 190.0960,
-35.4410, -1.9770

■ 190.0960,
-35.4410, -1.9770

■ 178.5230,
-46.9490, -2.6690

■ 201.6690,
-23.9330, -1.2850

■ 167.2490,
-57.8610, -3.1490

■ 212.9430,
-13.0210, -0.8050

■ 155.6760,
-69.3690, -3.8410

■ 224.5160, -1.5130,
-0.1130

■ 144.4020,
-80.2810, -4.3210

■ 235.7900, 9.3990,
0.3670

■ 132.8290,
-91.7890, -5.0130

■ 243.4760, 13.1590,
-1.6970

■ 121.2560,
-103.2970, -5.7050

■ 248.1720, 10.9590,
-5.8810

■ 112.0530,
-112.9710, -6.5950

■ 251.6940, 9.3090,
-9.0190

Harmonies

Analogous

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



187.6840, -37.4570, -9.4970



190.0960, -35.4410, -1.9770



193.5970, -23.4300, 6.1220

Triad

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



190.0960, -35.4410, -1.9770



198.0190, 25.3520, 14.1200



191.3080, 4.4040, -13.7400

Complementary

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



190.0960, -35.4410, -1.9770



190.9040, 35.4410, 1.9770

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.



194.0820, 19.9000, -8.2280



190.0960, -35.4410, -1.9770



196.8530, 31.4510, 8.2110

Square

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



190.0960, -35.4410, -1.9770



197.6570, 11.8720, 16.1280



195.9140, 29.4810, -0.1430



189.2720, -13.1100, -15.7180

Rectangle

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



190.0960, -35.4410, -1.9770



195.8050, -12.1520, 10.9840



195.9140, 29.4810, -0.1430



191.9990, 9.7680, -11.8320

Sweetspot

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



190.0960, -35.4410, -1.9770



243.4270, -11.5080, -0.6920



199.5270, -27.5500, -29.3580



120.5800, -7.5650, -0.5650



0.0000, 0.0000, 0.0000



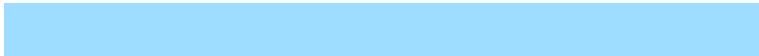
128.0000, -0.0000, -0.0000

Same Dimension

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



190.0960, -35.4410, -1.9770



206.0390, -48.4620, -2.7820



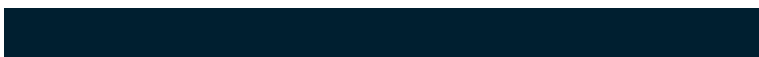
169.5510, -25.8160, 16.3280



106.3630, -5.4560, -0.2400



86.9820, -87.8460, -4.8860



23.6690, -23.9330, -1.2850

Inverse Universe

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



181.4730, 27.5500, 29.3580



194.1850, 37.5890, 40.1570



211.4490, 25.8160, -16.3280



105.0870, 4.3090, 4.5090



65.6200, 68.3020, 72.7660



17.8860, 18.6570, 19.8170

Previews

White Background



This preview shows how the YIQ color 190.0960, -35.4410, -1.9770 looks on a white background.

Color Contrast Check

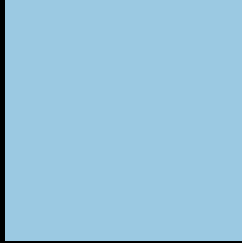
Large Text (above 18pt) WCAG AA × Fail

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 190.0960, -35.4410, -1.9770 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 190.0960, -35.4410, -1.9770

Background



This preview shows how black text looks on a background with the YIQ color 190.0960, -35.4410, -1.9770.



This preview shows how white text looks on a background with the YIQ color 190.0960, -35.4410, -1.9770.

-1.9770.

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

190.0960, -35.4410, -1.9770

Protanopia

194.2950, -10.7760, 8.0720

Deuteranopia

195.5390, -8.3470, 13.6130



Tritanopia

189.1730, -34.3400, -5.4120

Trichromacy



Original Color

190.0960, -35.4410, -1.9770

Protanomaly

192.6960, -19.3950, 4.5810

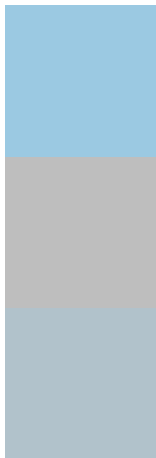
Deuteranomaly

193.2880, -18.0660, 8.0300

Tritanomaly

189.8140, -34.7070, -4.2670

Monochromacy



Original Color

190.0960, -35.4410, -1.9770

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.9430, -13.0210, -0.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.0960, -35.4410, -1.9770 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(155, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(155, 201, 226)  
}
```

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(155, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 201, 226) }
```

Border

The CSS property to change the border of an element to YIQ 190.0960, -35.4410, -1.9770 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(155, 201, 226) }
```


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

```
.border{ border-color:rgb(155, 201, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(155, 201,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 190.0960, -35.4410, -1.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 201, 226) }
```

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

```
.background{ background-color: rgb(155,  
201, 226) }
```

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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