

Converting Colors

YIQ(186.4170, -31.9110, 0.1290)

Have a look what the booklet for
YIQ(186.4170, -31.9110, 0.1290)
contains.

YIQ(186.4170, -31.9110, 0.1290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(186.4170, -31.9110,
0.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC3DE
RGB	156, 195, 222
RGB Percent	61%, 76%, 87%
CMY	0.3883, 0.2352, 0.1296
CMYK	0.30, 0.12, 0.00, 0.13
HSL	205°, 50%, 74%
HSV	205°, 30%, 87%
XYZ	46.4051, 51.3755, 76.5515
YIQ	186.4170, -31.9110, 0.1290

Conversions

Conversions Part 2

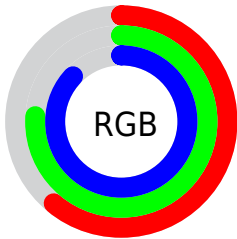
Format	Color
RYB	156, 181, 222
Decimal	10273758
CIELab	76.91, -6.74, -17.66
CIELCh	77, 18.901, 249.096
Yxy	51.3755, 0.2662, 0.2947
Android (android.graphics.Color)	4288463838 (0xFF9CC3DE)
YUV	186.4170, 17.5424, -26.6757
Hunter-Lab	71.6767, -9.8693, -13.1486

Details

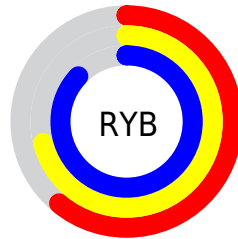
The YIQ color $186.4170, -31.9110, 0.1290$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $191.5830, 31.9110, -0.1290$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.3820, -24.8030, -7.5470$, and $132.6020, -30.9940, 0.0300$ is the 20% darker color. If you saturate the color by 10%, you get $174.5560, -42.5480, 0.1720$, and if you desaturate by 10%, it is $198.2780, -21.2740, 0.0860$.

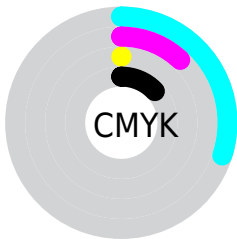
Distribution



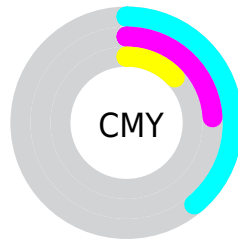
- Red (61%)
- Green (76%)
- Blue (87%)



- Red (61%)
- Yellow (71%)
- Blue (87%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.4170, -31.9110, 0.1290 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 186.4170, -31.9110, 0.1290 by changing the saturation by 10% instead.

■ 186.4170,
-31.9110, 0.1290

■ 186.4170,
-31.9110, 0.1290

■ 255.0000, -0.0000,
-0.0000

■ 159.3030,
-31.5900, -0.1820

■ 240.3820,
-24.8030, -7.5470

■ 132.6020,
-30.9940, 0.0300

■ 250.8140, -8.3440,
-2.9680

■ 107.0750,
-30.9480, -0.8040

■ 81.7760, -31.5440,
-1.0160

■ 57.6510, -32.6900,
-2.2740

■ 34.6400, -34.1570,
-3.2210

■ 19.6910, -20.9990,

0.6090

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 186.4170,
-31.9110, 0.1290

■ 186.4170,
-31.9110, 0.1290

■ 174.5560,
-42.5480, 0.1720

■ 198.2780,
-21.2740, 0.0860

■ 162.6950,
-53.1850, 0.2150

■ 210.1390,
-10.6370, 0.0430

■ 150.5350,
-64.4180, 0.0460

■ 222.2990, 0.5960,
0.2120

■ 138.6740,
-75.0550, 0.0890

■ 234.1600, 11.2330,
0.1690

■ 126.8130,
-85.6920, 0.1320

■ 242.4330, 14.7180,
-2.4180

■ 114.9520,
-96.3290, 0.1750

■ 247.7160, 12.2430,
-7.1250

■ 103.0910,
-106.9660, 0.2180

■ 251.2380, 10.5930,
-10.2630

■ 102.2050,
-107.2870, 0.5290

Harmonies

Analogous

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



183.9230, -36.6320, -7.9280



186.4170, -31.9110, 0.1290



189.9890, -18.6620, 7.8180

Triad

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



186.4170, -31.9110, 0.1290



193.1500, 26.3610, 12.3530



186.7420, 0.1860, -14.3900

Complementary

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



186.4170, -31.9110, 0.1290



191.5830, 31.9110, -0.1290

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.



188.4020, 16.0030, -9.1890



186.4170, -31.9110, 0.1290



192.2010, 30.3510, 6.1190

Square

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



186.4170, -31.9110, 0.1290



193.0980, 14.9440, 15.5200



190.8920, 26.5470, -2.0370



184.5320, -16.7780, -15.3220

Rectangle

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



186.4170, -31.9110, 0.1290



191.6700, -7.3380, 11.8460



190.8920, 26.5470, -2.0370



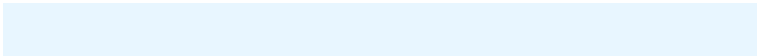
187.3190, 5.8710, -12.7930

Sweetspot

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



186.4170, -31.9110, 0.1290



242.8400, -11.2330, -0.1690



197.7060, -26.4960, -26.4320



119.9930, -7.2900, -0.0420



0.0000, 0.0000, 0.0000



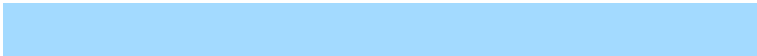
128.0000, -0.0000, -0.0000

Same Dimension

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



186.4170, -31.9110, 0.1290



205.7730, -44.6570, -0.1530



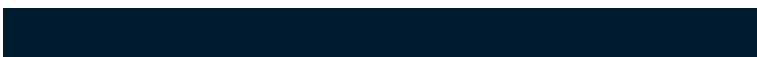
167.6330, -23.1110, 16.8650



106.3630, -5.4560, -0.2400



81.1120, -85.0960, 0.3440



22.4950, -23.3830, -0.2390

Inverse Universe

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



180.1800, 26.8170, 26.1210



196.7780, 37.1770, 36.6090



210.3670, 23.1110, -16.8650



105.0870, 4.3090, 4.5090



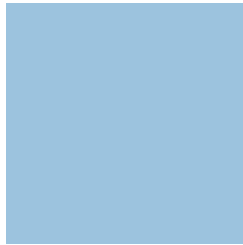
64.4800, 71.5120, 69.6560



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 186.4170, -31.9110, 0.1290 looks on a white background.

Color Contrast Check

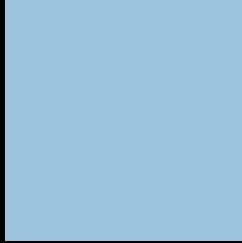
Large Text (above 18pt) WCAG AA × Fail

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 186.4170, -31.9110, 0.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

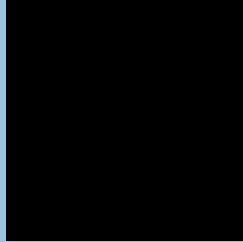
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.4170, -31.9110, 0.1290

Background



This preview shows how black text looks on a background with the YIQ color 186.4170, -31.9110, 0.1290.



This preview shows how white text looks on a background with the YIQ color 186.4170, -31.9110,

0.1290.

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

186.4170, -31.9110, 0.1290

Protanopia

190.1100, -11.6930, 8.1710

Deuteranopia

191.2400, -8.9430, 13.4010



Tritanopia

185.8530, -30.4430, -4.4510

Trichromacy



Original Color

186.4170, -31.9110, 0.1290

Protanomaly

189.1090, -19.1200, 5.1040

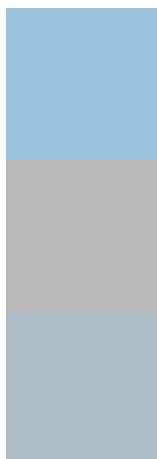
Deuteranomaly

189.5870, -17.4700, 8.2420

Tritanomaly

186.0210, -30.8560, -2.4720

Monochromacy



Original Color

186.4170, -31.9110, 0.1290

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.9540, -11.5540, 0.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.4170, -31.9110, 0.1290 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(156, 195, 222)` looks like.

```
.text, #text, p{  
    color:rgb(156, 195, 222)  
}
```

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(156, 195, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 195, 222) }
```

Border

The CSS property to change the border of an element to YIQ 186.4170, -31.9110, 0.1290 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(156, 195, 222) }
```


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

```
.border{ border-color:rgb(156, 195, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 195, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 195, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 195, 222);  
box-shadow:4px 4px 4px 4px rgb(156, 195,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 186.4170, -31.9110, 0.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 195, 222) }
```

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

```
.background{ background-color: rgb(156,  
195, 222) }
```

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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