

Converting Colors

YIQ(186.0770, -33.2890,
14.0950)

Have a look what the booklet for
YIQ(186.0770, -33.2890, 14.0950)
contains.

YIQ(186.0770, -33.2890, 14.0950)	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(186.0770, -33.2890,
14.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BAF7
RGB	163, 186, 247
RGB Percent	64%, 73%, 97%
CMY	0.3608, 0.2705, 0.0315
CMYK	0.34, 0.25, 0.00, 0.03
HSL	224°, 84%, 80%
HSV	224°, 34%, 97%
XYZ	49.4458, 49.6206, 94.9303
YIQ	186.0770, -33.2890, 14.0950

Conversions

Conversions Part 2

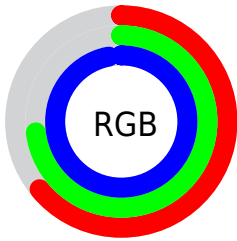
Format	Color
RYB	163, 181, 247
Decimal	10730231
CIELab	75.84, 6.29, -32.73
CIELCh	76, 33.325, 280.874
Yxy	49.6206, 0.2549, 0.2558
Android (android.graphics.Color)	4288920311 (0xFFA3BAF7)
YUV	186.0770, 30.0350, -20.2385
Hunter-Lab	70.4419, 2.0225, -30.5923

Details

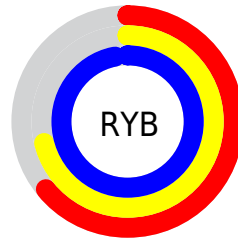
The YIQ color $186.0770, -33.2890, 14.0950$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $223.9230, 33.2890, -14.0950$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $236.9040, -17.2850, -0.6210$, and $132.0230, -33.1970, 12.4270$ is the 20% darker color. If you saturate the color by 10%, you get $168.0360, -43.2390, 18.2090$, and if you desaturate by 10%, it is $204.1180, -23.3390, 9.9810$.

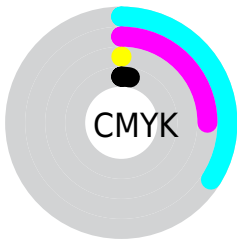
Distribution



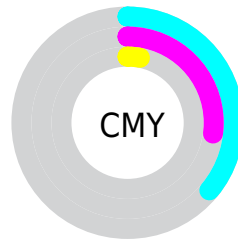
- Red (64%)
- Green (73%)
- Blue (97%)



- Red (64%)
- Yellow (71%)
- Blue (97%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (36%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.0770, -33.2890, 14.0950 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 186.0770, -33.2890, 14.0950 by changing the saturation by 10% instead.

■ 186.0770,
-33.2890, 14.0950

■ 186.0770,
-33.2890, 14.0950

■ 255.0000, -0.0000,
-0.0000

■ 158.5500,
-33.2430, 13.2610

■ 236.9040,
-17.2850, -0.6210

■ 132.0230,
-33.1970, 12.4270

■ 253.2060, -3.5760,
-1.2720

■ 106.4960,
-33.1510, 11.5930

■ 81.3710, -34.2970,
10.3350

■ 55.9360, -37.5060,
7.9180

■ 33.2840, -38.6060,
5.8260

■ 18.3350, -25.4480,

9.6560

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,
5.0750

■ 186.0770,
-33.2890, 14.0950

■ 186.0770,
-33.2890, 14.0950

■ 168.0360,
-43.2390, 18.2090

■ 204.1180,
-23.3390, 9.9810

■ 150.2940,
-52.5930, 22.5350

■ 221.8600,
-13.9850, 5.6550

■ 132.2530,
-62.5430, 26.6490

■ 239.9010, -4.0350,
1.5410

■ 114.2120,
-72.4930, 30.7630

■ 254.0880, 2.5680,
-2.4880

■ 96.4700, -81.8470,
35.0890

■ 78.4290, -91.7970,
39.2030

■ 68.0740, -97.9870,
41.2530

Harmonies

Analogous

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



177.8510, -62.4920, -1.8200



186.0770, -33.2890, 14.0950



190.6960, -1.0590, 24.7090

Triad

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



186.0770, -33.2890, 14.0950



189.0310, 51.4410, 9.3690



175.4710, -33.1440, -27.0960

Complementary

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



186.0770, -33.2890, 14.0950



223.9230, 33.2890, -14.0950

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.



180.3360, -1.9670, -24.9350



186.0770, -33.2890, 14.0950



186.7660, 44.3370, -5.0630

Square

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



186.0770, -33.2890, 14.0950



190.5980, 45.8910, 21.8510



184.2100, 24.9910, -17.8970



170.6110, -62.7170, -25.2850

Rectangle

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



186.0770, -33.2890, 14.0950



191.8140, 19.1600, 27.2240



184.2100, 24.9910, -17.8970



177.3320, -22.5070, -27.1390

Sweetspot

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



186.0770, -33.2890, 14.0950



236.3720, -9.6750, 4.6370



219.1480, -42.3600, -25.2720



116.1720, -6.2360, 2.8840



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.



186.0770, -33.2890, 14.0950



178.9930, -41.6800, 17.4880



177.9580, -16.2360, 29.9400



113.7160, -4.9520, 1.6400



51.1410, -73.7310, 31.1730



16.1180, -23.3390, 9.9810

Inverse Universe

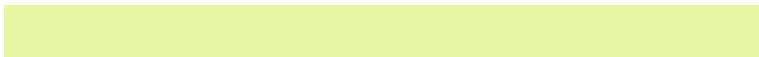
The Inverse Universe completely reimagines the original color for something new.



190.7380, 42.6810, 24.9610



184.7010, 53.2710, 31.2790



232.0420, 16.2360, -29.9400



114.0440, 5.8680, 3.7880



61.4280, 94.4850, 55.2930



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 186.0770, -33.2890, 14.0950 looks on a white background.

Color Contrast Check

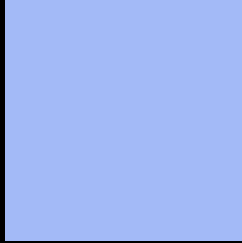
Large Text (above 18pt) WCAG AA × Fail

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 186.0770, -33.2890, 14.0950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

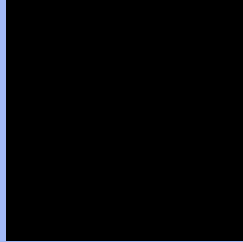
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.0770, -33.2890, 14.0950

Background



This preview shows how black text looks on a background with the YIQ color 186.0770, -33.2890, 14.0950.



This preview shows how white text looks on a background with the YIQ color 186.0770, -33.2890,

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

186.0770, -33.2890, 14.0950

Protanopia

186.8820, -28.2460, 16.3140

Deuteranopia

187.2950, -27.9710, 16.8370



Tritanopia

183.1630, -28.3800, -3.2920

Trichromacy



Original Color

186.0770, -33.2890, 14.0950

Protanomaly

186.5720, -30.3090, 15.1550

Deuteranomaly

186.9850, -30.0340, 15.6780

Tritanomaly

183.8950, -30.2610, 3.2670

Monochromacy



Original Color

186.0770, -33.2890, 14.0950

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.1160, -11.8300, 5.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.0770, -33.2890, 14.0950 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(163, 186, 247)` looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 247)  
}
```

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(163, 186, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 247) }
```

Border

The CSS property to change the border of an element to YIQ 186.0770, -33.2890, 14.0950 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(163, 186, 247) }
```


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

```
.border{ border-color:rgb(163, 186, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 186, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 247);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 186.0770, -33.2890, 14.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 247) }
```

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

```
.background{ background-color: rgb(163,  
186, 247) }
```

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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