

Converting Colors

YIQ(198.4590, -31.7290, 7.8470)

Have a look what the booklet for
YIQ(198.4590, -31.7290, 7.8470)
contains.

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Color

**YIQ(198.4590, -31.7290,
7.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCAF7
RGB	173, 202, 247
RGB Percent	68%, 79%, 97%
CMY	0.3216, 0.2078, 0.0315
CMYK	0.30, 0.18, 0.00, 0.03
HSL	216°, 82%, 82%
HSV	216°, 30%, 97%
XYZ	55.1369, 57.8428, 96.2213
YIQ	198.4590, -31.7290, 7.8470

Conversions

Conversions Part 2

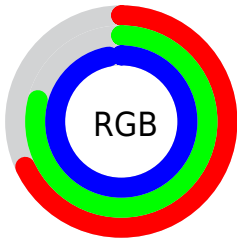
Format	Color
RYB	173, 194, 247
Decimal	11389687
CIELab	80.65, 0.40, -25.29
CIElCh	81, 25.289, 270.909
Yxy	57.8428, 0.2636, 0.2765
Android (android.graphics.Color)	4289579767 (0xFFADCAF7)
YUV	198.4590, 23.9307, -22.3275
Hunter-Lab	76.0544, -3.6888, -21.7734

Details

The YIQ color $198.4590, -31.7290, 7.8470$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $221.5410, 31.7290, -7.8470$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5250, -14.9000, -5.3000$, and $144.2310, -31.0870, 7.2250$ is the 20% darker color. If you saturate the color by 10%, you get $182.1790, -42.5040, 10.3920$, and if you desaturate by 10%, it is $214.7390, -20.9540, 5.3020$.

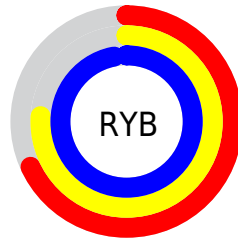
Distribution



Red (68%)

Green (79%)

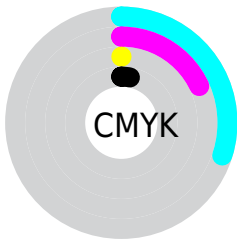
Blue (97%)



Red (68%)

Yellow (76%)

Blue (97%)

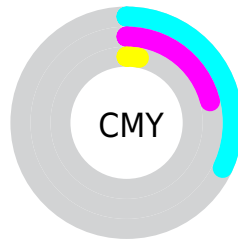


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (21%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4590, -31.7290, 7.8470 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 198.4590, -31.7290, 7.8470 by changing the saturation by 10% instead.

■ 198.4590,
-31.7290, 7.8470

■ 198.4590,
-31.7290, 7.8470

■ 255.0000, -0.0000,
-0.0000

■ 171.2310,
-31.0870, 7.2250

■ 247.5250,
-14.9000, -5.3000

■ 144.1170,
-30.7660, 6.9140

■ 117.7040,
-31.0410, 6.3910

■ 93.1770, -30.9950,
5.5570

■ 68.0520, -32.1410,
4.2990

■ 42.8340, -37.4590,
1.5570

■ 25.3790, -28.7480,

3.3800

■ 7.6090, -14.5360,
10.1360

■ 2.8670, -6.6950,
5.6970

■ 198.4590,
-31.7290, 7.8470

■ 198.4590,
-31.7290, 7.8470

■ 182.1790,
-42.5040, 10.3920

■ 214.7390,
-20.9540, 5.3020

■ 166.1980,
-52.6830, 13.1490

■ 230.7200,
-10.7750, 2.5450

■ 149.9180,
-63.4580, 15.6940

■ 247.0000, -0.0000,
-0.0000

■ 133.6380,
-74.2330, 18.2390

■ 254.0880, 2.5680,
-2.4880

■ 117.6570,
-84.4120, 20.9960

■ 101.3770,
-95.1870, 23.5410

■ 85.0970,
-105.9620, 26.0860

Harmonies

Analogous

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



193.5120, -48.4160, -3.6160



198.4590, -31.7290, 7.8470



202.6470, -8.5310, 16.9490

Triad

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



198.4590, -31.7290, 7.8470



202.9250, 40.1160, 10.8680



193.3700, -16.5020, -20.3260

Complementary

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



198.4590, -31.7290, 7.8470



221.5410, 31.7290, -7.8470

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.



196.4560, 6.7430, -17.5850



198.4590, -31.7290, 7.8470



201.2200, 37.3670, 0.1110

Square

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



198.4590, -31.7290, 7.8470



203.7750, 32.0910, 18.6430



199.1380, 25.4940, -10.4900



190.8760, -38.4180, -19.6180

Rectangle

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



198.4590, -31.7290, 7.8470



204.1390, 7.6990, 20.1710



199.1380, 25.4940, -10.4900



194.3770, -9.2120, -20.2840

Sweetspot

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



198.4590, -31.7290, 7.8470



239.9050, -9.8580, 2.4460



221.4540, -34.4740, -25.0180



118.2320, -6.4650, 1.5270



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.



198.4590, -31.7290, 7.8470



194.6200, -39.4320, 9.7840



183.5290, -19.5820, 24.4980



114.3030, -5.2270, 1.1170



64.0550, -79.7810, 19.6670



20.2270, -25.2640, 6.3200

Inverse Universe

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



198.4320, 34.7950, 24.7070



194.6120, 43.2760, 30.7000



236.4710, 19.5820, -24.4980



114.1580, 5.5470, 4.0990



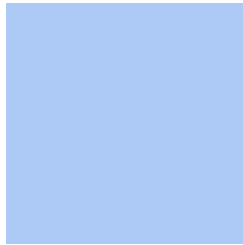
63.9360, 87.4230, 62.1350



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 198.4590, -31.7290, 7.8470 looks on a white background.

Color Contrast Check

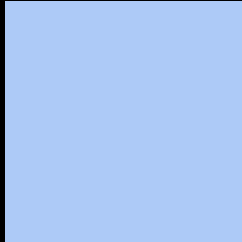
Large Text (above 18pt) WCAG AA × Fail

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 198.4590, -31.7290, 7.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

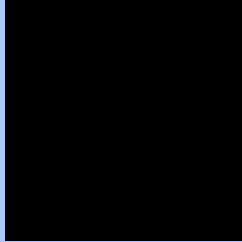
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

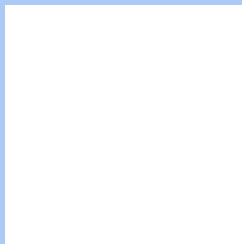
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.4590, -31.7290, 7.8470

Background



This preview shows how black text looks on a background with the YIQ color 198.4590, -31.7290, 7.8470.



This preview shows how white text looks on a background with the YIQ color 198.4590, -31.7290,

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

198.4590, -31.7290, 7.8470

Protanopia

200.5530, -20.1300, 12.3980

Deuteranopia

201.3300, -17.8840, 15.7480



Tritanopia

196.5760, -28.1050, -2.7690

Trichromacy



Original Color

198.4590, -31.7290, 7.8470

Protanomaly

199.4600, -24.3020, 10.9140

Deuteranomaly

200.1120, -23.2020, 13.0060

Tritanomaly

197.6130, -29.5270, 0.9770

Monochromacy



Original Color

198.4590, -31.7290, 7.8470

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.9480, -11.4170, 3.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4590, -31.7290, 7.8470 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(173, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(173, 202, 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(173, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 202, 247) }
```

Border

The CSS property to change the border of an element to YIQ 198.4590, -31.7290, 7.8470 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(173, 202, 247) }
```


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

```
.border{ border-color:rgb(173, 202, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 202, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 202, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 202, 247); box-shadow:4px 4px 4px 4px rgb(173, 202, 247) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4590, -31.7290, 7.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 202, 247) }
```

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

```
.background{ background-color: rgb(173,  
202, 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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