

Converting Colors

YIQ(214.3800, -30.4890,
-3.6170)

Have a look what the booklet for
YIQ(214.3800, -30.4890, -3.6170)
contains.

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Color

**YIQ(214.3800, -30.4890,
-3.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E1F2
RGB	183, 225, 242
RGB Percent	72%, 88%, 95%
CMY	0.2824, 0.1176, 0.0511
CMYK	0.24, 0.07, 0.00, 0.05
HSL	197°, 69%, 83%
HSV	197°, 24%, 95%
XYZ	62.4749, 70.3332, 94.2604
YIQ	214.3800, -30.4890, -3.6170

Conversions

Conversions Part 2

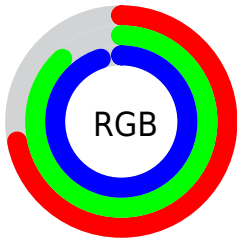
Format	Color
R_{YB}	183, 208, 242
Decimal	12050930
CIE Lab	87.16, -9.92, -12.75
CIE LCh	87, 16.155, 232.120
Yxy	70.3332, 0.2751, 0.3097
Android (android.graphics.Color)	4290241010 (0xFFB7E1F2)
YUV	214.3800, 13.6167, -27.5203
Hunter-Lab	83.8649, -13.7906, -7.9338

Details

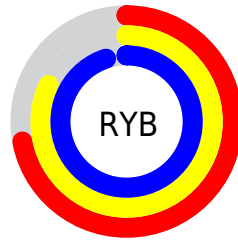
The YIQ color $214.3800, -30.4890, -3.6170$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $210.6200, 30.4890, 3.6170$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5150, -8.9400, -3.1800$, and $159.5650, -29.5720, -3.7160$ is the 20% darker color. If you saturate the color by 10%, you get $203.0950, -42.8680, -5.0440$, and if you desaturate by 10%, it is $225.6650, -18.1100, -2.1900$.

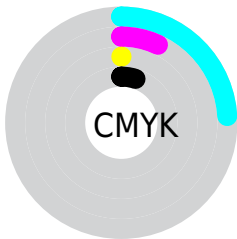
Distribution



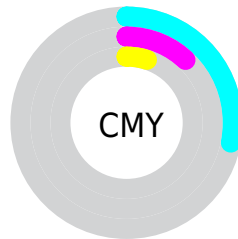
- Red (72%)
- Green (88%)
- Blue (95%)



- Red (72%)
- Yellow (82%)
- Blue (95%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.3800, -30.4890, -3.6170 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 214.3800, -30.4890, -3.6170 by changing the saturation by 10% instead.

■ 214.3800,
-30.4890, -3.6170

■ 214.3800,
-30.4890, -3.6170

255.0000, -0.0000,
-0.0000

■ 186.6790,
-29.8930, -3.4050

■ 250.5150, -8.9400,
-3.1800

■ 159.5650,
-29.5720, -3.7160

■ 132.8640,
-28.9760, -3.5040

■ 107.4510,
-29.2510, -4.0270

■ 82.4510, -29.2510,
-4.0270

■ 57.7390, -30.1220,
-4.7620

■ 34.4290, -32.1850,

-5.9210

■ 20.1810, -19.6230,
-2.3030

■ 2.5250, -5.7320,
4.7640

■ 214.3800,
-30.4890, -3.6170

■ 214.3800,
-30.4890, -3.6170

■ 203.0950,
-42.8680, -5.0440

■ 225.6650,
-18.1100, -2.1900

■ 191.8100,
-55.2470, -6.4710

■ 236.9500, -5.7310,
-0.7630

■ 180.2260,
-68.2220, -8.1100

■ 248.2350, 6.6480,
0.6640

■ 168.9410,
-80.6010, -9.5370

■ 252.3440, 4.7230,
-2.9970

■ 157.6560,
-92.9800, -10.9640

■ 253.5180, 4.1730,
-4.0430

■ 146.3710,
-105.3590, -12.3910

■ 135.0860,
-117.7380, -13.8180

■ 128.5520,
-124.9820, -14.6940

Harmonies

Analogous

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



212.8760, -29.2500, -9.5540



214.3800, -30.4890, -3.6170



216.9020, -22.9710, 3.3090

Triad

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



214.3800, -30.4890, -3.6170



221.3710, 18.4290, 12.9330



216.5690, 8.1630, -10.2770

Complementary

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



214.3800, -30.4890, -3.6170



210.6200, 30.4890, 3.6170

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.



218.4890, 20.3120, -4.6800



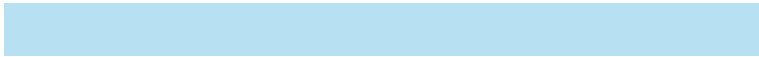
214.3800, -30.4890, -3.6170



220.7430, 25.9490, 8.8050

Square

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



214.3800, -30.4890, -3.6170



221.1400, 5.9580, 13.1740



219.9400, 26.5920, 2.6560



214.8600, -5.9580, -13.1740

Rectangle

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



214.3800, -30.4890, -3.6170



219.0280, -14.3980, 7.6340



219.9400, 26.5920, 2.6560



216.9610, 12.9310, -8.5810

Sweetspot

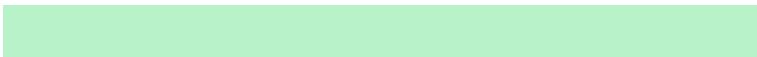
The Sweet Spot groups the original color and five complimentary colors.



214.3800, -30.4890, -3.6170



246.6830, -9.3530, -1.2010



219.5710, -21.6820, -25.5700



122.9500, -5.7310, -0.7630



0.0000, 0.0000, 0.0000



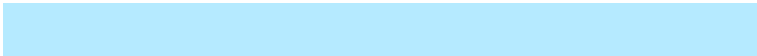
128.0000, -0.0000, -0.0000

Same Dimension

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



214.3800, -30.4890, -3.6170



220.5470, -38.3290, -4.7050



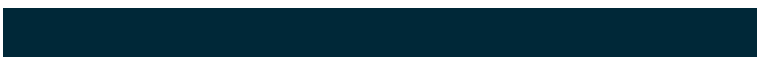
197.3570, -22.5140, 11.5500



114.0640, -6.0520, -0.4520



97.8730, -95.0890, -11.2890



29.8640, -28.9760, -3.5040

Inverse Universe

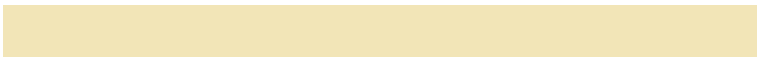
The Inverse Universe completely reimagines the original color for something new.



205.4290, 21.6820, 25.5700



209.1680, 27.0910, 32.1710



227.6430, 22.5140, -11.5500



112.5000, 4.5840, 5.0320



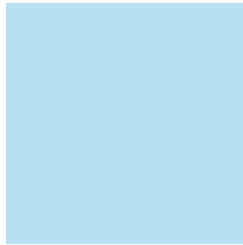
69.9500, 67.6130, 79.7490



21.3040, 20.5360, 24.3120

Previews

White Background



This preview shows how the YIQ color 214.3800, -30.4890, -3.6170 looks on a white background.

Color Contrast Check

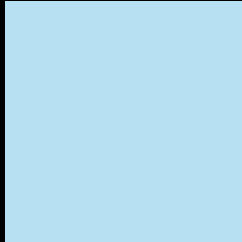
Large Text (above 18pt) WCAG AA × Fail

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 214.3800, -30.4890, -3.6170 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 214.3800, -30.4890, -3.6170

Background



This preview shows how black text looks on a background with the YIQ color 214.3800, -30.4890, -3.6170.



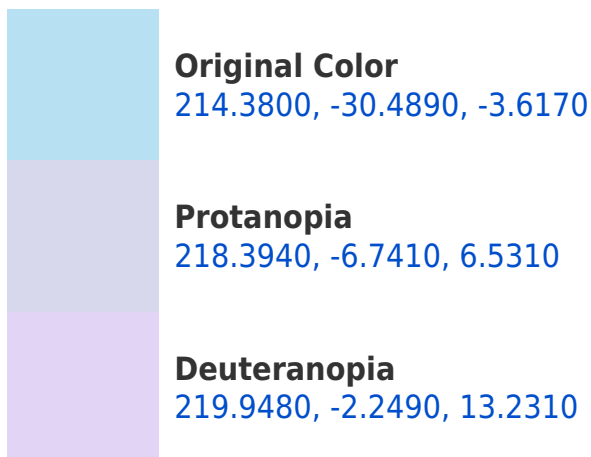
This preview shows how white text looks on a background with the YIQ color 214.3800, -30.4890, -3.6170.

-3.6170.

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





Tritanopia

214.4940, -30.8100, -3.3060

Trichromacy



Original Color

214.3800, -30.4890, -3.6170

Protanomaly

216.7950, -15.3600, 3.0400

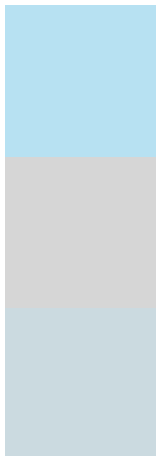
Deuteranomaly

217.9850, -12.8390, 6.9130

Tritanomaly

214.4940, -30.8100, -3.3060

Monochromacy



Original Color

214.3800, -30.4890, -3.6170

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1990, -10.8660, -1.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.3800, -30.4890, -3.6170 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(183, 225, 242)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 242)  
}
```

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(183, 225, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 242) }
```

Border

The CSS property to change the border of an element to YIQ 214.3800, -30.4890, -3.6170 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(183, 225, 242) }
```


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

```
.border{ border-color:rgb(183, 225, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 225, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 225, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 225, 242);  
box-shadow:4px 4px 4px 4px rgb(183, 225,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 214.3800, -30.4890, -3.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 242) }
```

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

```
.background{ background-color: rgb(183,  
225, 242) }
```

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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