

Converting Colors

YIQ(213.6090, -7.6500,
-37.5860)

Have a look what the booklet for
YIQ(213.6090, -7.6500, -37.5860)
contains.

YIQ(213.6090, -7.6500, -37.5860)	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(213.6090, -7.6500,
-37.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	B7F09E
RGB	183, 240, 158
RGB Percent	72%, 94%, 62%
CMY	0.2825, 0.0587, 0.3803
CMYK	0.24, 0.00, 0.34, 0.06
HSL	102°, 73%, 78%
HSV	102°, 34%, 94%
XYZ	56.8565, 74.8645, 43.8052
YIQ	213.6090, -7.6500, -37.5860

Conversions

Conversions Part 2

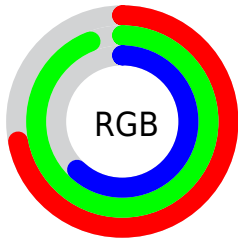
Format	Color
RYB	158, 240, 215
Decimal	12054686
CIELab	89.33, -32.71, 33.96
CIElCh	89, 47.152, 133.931
Yxy	74.8645, 0.3239, 0.4265
Android (android.graphics.Color)	4290244766 (0xFFB7F09E)
YUV	213.6090, -27.4152, -26.8441
Hunter-Lab	86.5243, -34.1223, 30.5499

Details

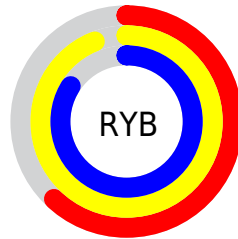
The YIQ color **213.6090, -7.6500, -37.5860** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **184.3910, 7.6500, 37.5860**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7270, 4.5420, -16.2420**, and **158.3640, -8.3380, -36.1300** is the 20% darker color. If you saturate the color by 10%, you get **205.7900, -10.0780, -48.6540**, and if you desaturate by 10%, it is **221.4280, -5.2220, -26.5180**.

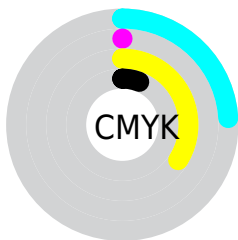
Distribution



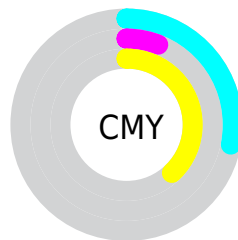
- Red (72%)
- Green (94%)
- Blue (62%)



- Red (62%)
- Yellow (94%)
- Blue (84%)



- Cyan (24%)
- Magenta (0%)
- Yellow (34%)
- Black (6%)



- Cyan (28%)
- Magenta (6%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.6090, -7.6500, -37.5860 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 213.6090, -7.6500, -37.5860 by changing the saturation by 10% instead.

■ 213.6090, -7.6500,
-37.5860

■ 213.6090, -7.6500,
-37.5860

255.0000, -0.0000,
-0.0000

■ 185.7230, -7.9710,
-37.2750

■ 245.7270, 4.5420,
-16.2420

■ 158.3640, -8.3380,
-36.1300

■ 253.5180, 4.1730,
-4.0430

■ 131.8910, -8.3840,
-35.2960

■ 105.4180, -8.4300,
-34.4620

■ 80.3470, -9.6680,
-34.0520

■ 54.6350, -10.5390,
-34.7870

■ 33.4590, -15.6750,

-29.8110

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,
0.0000

■ 213.6090, -7.6500,
-37.5860

■ 213.6090, -7.6500,
-37.5860

■ 205.7900,
-10.0780, -48.6540

■ 221.4280, -5.2220,
-26.5180

■ 198.2700,
-11.9100, -59.5100

■ 228.9480, -3.3900,
-15.6620

■ 190.4510,
-14.3380, -70.5780

■ 236.7670, -0.9620,
-4.5940

■ 182.6320,
-16.7660, -81.6460

■ 244.5860, 1.4660,
6.4740

■ 174.8130,
-19.1940, -92.7140

■ 246.1950, 4.1250,
7.8450

■ 167.2930,
-21.0260, -103.5700

■ 162.7070,
-22.4920, -110.0440

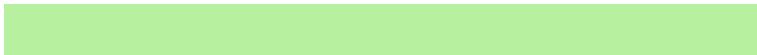
Harmonies

Analogous

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



219.0070, 32.5120, -27.5520



213.6090, -7.6500, -37.5860



204.9360, -56.9830, -41.1030

Triad

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



213.6090, -7.6500, -37.5860



201.6880, -78.8110, -19.9550



211.1450, 33.9250, 18.4450

Complementary

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



213.6090, -7.6500, -37.5860



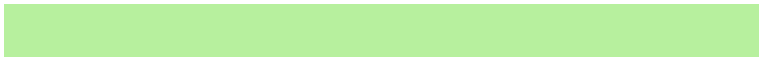
184.3910, 7.6500, 37.5860

Split Complementary

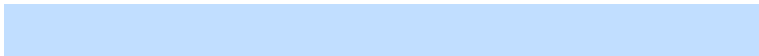
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.5630, 18.6090, 31.7050



213.6090, -7.6500, -37.5860



217.0910, -27.8770, 4.1150

Square

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



213.6090, -7.6500, -37.5860



179.1640, -136.7140, -44.3780



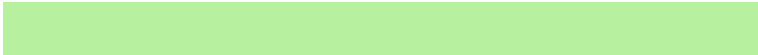
225.6500, 13.7500, 26.1500



211.1670, 44.8860, 1.5100

Rectangle

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



213.6090, -7.6500, -37.5860



196.4880, -93.7080, -41.8360



225.6500, 13.7500, 26.1500



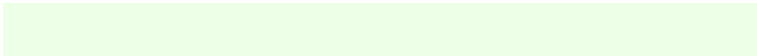
212.2680, 29.3850, 23.6330

Sweetspot

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



213.6090, -7.6500, -37.5860



246.7680, -2.7030, -11.5910



215.3900, 33.4720, -11.9040



122.8870, -1.4200, -7.3080



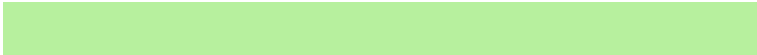
0.0000, 0.0000, 0.0000



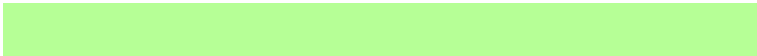
128.0000, -0.0000, -0.0000

Same Dimension

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



213.6090, -7.6500, -37.5860



221.2030, -9.8030, -48.1310



207.8440, -27.3650, -38.2210



116.2400, -0.9160, -5.4280



124.7520, -17.2240, -84.3600



37.9550, -5.2680, -25.6840

Inverse Universe

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



184.3910, 7.6500, 37.5860



183.7970, 9.8030, 48.1310



190.1560, 27.3650, 38.2210



111.7600, 0.9160, 5.4280



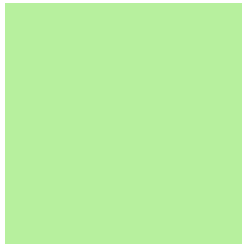
59.2480, 17.2240, 84.3600



18.0450, 5.2680, 25.6840

Previews

White Background



This preview shows how the YIQ color 213.6090, -7.6500, -37.5860 looks on a white background.

Color Contrast Check

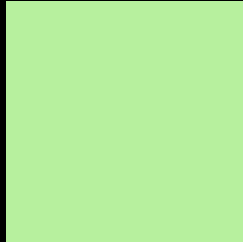
Large Text (above 18pt) WCAG AA × Fail

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 213.6090, -7.6500, -37.5860 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 213.6090, -7.6500, -37.5860

Background



This preview shows how black text looks on a background with the YIQ color 213.6090, -7.6500, -37.5860.



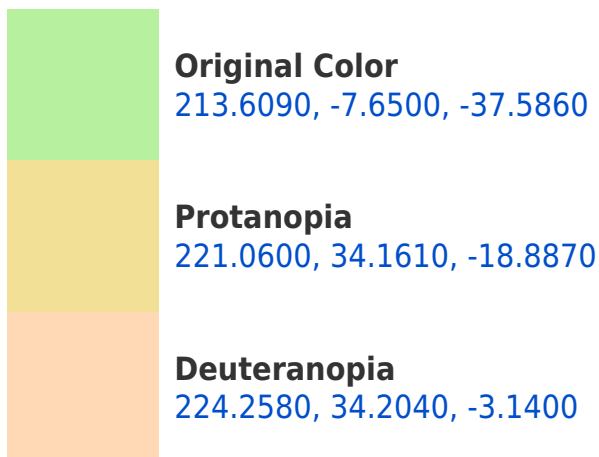
This preview shows how white text looks on a background with the YIQ color 213.6090, -7.6500,

-37.5860.

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

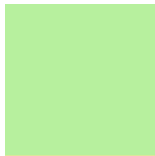




Tritanopia

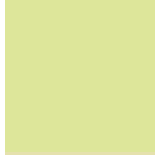
221.4840, -24.8500, -1.1860

Trichromacy



Original Color

213.6090, -7.6500, -37.5860



Protanomaly

218.6450, 19.0320, -25.5440



Deuteranomaly

220.2680, 19.0760, -15.3240



Tritanomaly

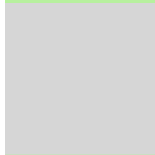
218.6890, -18.6580, -14.2900

Monochromacy



Original Color

213.6090, -7.6500, -37.5860



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

213.7140, -2.6110, -13.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.6090, -7.6500, -37.5860 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, 240, 158)` looks like.

```
.text, #text, p{  
    color:rgb(183, 240, 158)  
}
```

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, 240, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 240, 158) }
```

Border

The CSS property to change the border of an element to YIQ 213.6090, -7.6500, -37.5860 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, 240, 158) }
```


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

```
.border{ border-color:rgb(183, 240, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 240, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 240, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 240, 158);  
box-shadow:4px 4px 4px 4px rgb(183, 240,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 213.6090, -7.6500, -37.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 240, 158) }
```

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

```
.background{ background-color: rgb(183,  
240, 158) }
```

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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