

Converting Colors

YIQ(205.9190, -5.5870,
-36.4270)

Have a look what the booklet for
YIQ(205.9190, -5.5870, -36.4270)
contains.

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Color

**YIQ(205.9190, -5.5870,
-36.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E796
RGB	178, 231, 150
RGB Percent	70%, 91%, 59%
CMY	0.3021, 0.0940, 0.4117
CMYK	0.23, 0.00, 0.35, 0.09
HSL	99°, 63%, 75%
HSV	99°, 35%, 91%
XYZ	52.4377, 68.8262, 39.3796
YIQ	205.9190, -5.5870, -36.4270

Conversions

Conversions Part 2

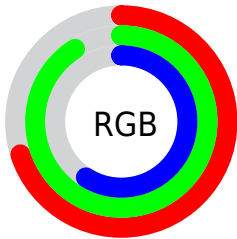
Format	Color
RYB	150, 231, 203
Decimal	11724694
CIELab	86.42, -31.37, 34.09
CIELCh	86, 46.328, 132.626
Yxy	68.8262, 0.3264, 0.4284
Android (android.graphics.Color)	4289914774 (0xFFB2E796)
YUV	205.9190, -27.5681, -24.4850
Hunter-Lab	82.9615, -32.3577, 29.9298

Details

The YIQ color $205.9190, -5.5870, -36.4270$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $175.0810, 5.5870, 36.4270$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.3200, 4.1300, -19.7900$, and $150.9730, -5.6790, -34.7590$ is the 20% darker color. If you saturate the color by 10%, you get $198.8120, -7.1440, -46.7600$, and if you desaturate by 10%, it is $213.0260, -4.0300, -26.0940$.

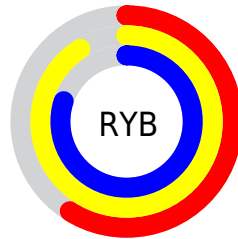
Distribution



Red (70%)

Green (91%)

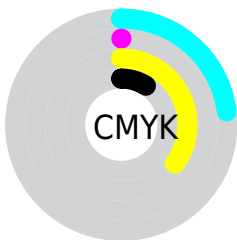
Blue (59%)



Red (59%)

Yellow (91%)

Blue (80%)

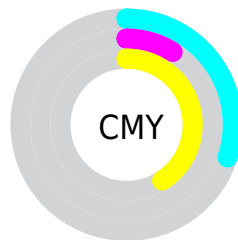


Cyan (23%)

Magenta (0%)

Yellow (35%)

Black (9%)



Cyan (30%)


Magenta (9%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.9190, -5.5870, -36.4270 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 205.9190, -5.5870, -36.4270 by changing the saturation by 10% instead.

 205.9190, -5.5870,
-36.4270


 205.9190, -5.5870,
-36.4270


255.0000, -0.0000,
-0.0000


 178.1470, -6.2290,
-35.8050


 243.3200, 4.1300,
-19.7900


 150.9730, -5.6790,
-34.7590

 252.4920, 7.0620,
-6.8420

 124.2010, -6.3210,
-34.1370

 98.7280, -6.3670,
-33.3030

 73.5430, -7.2840,
-33.2040

 48.5320, -8.7510,
-34.1510

 29.3500, -13.7500,

-26.1500

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 205.9190, -5.5870,
-36.4270

■ 205.9190, -5.5870,
-36.4270

■ 198.8120, -7.1440,
-46.7600

■ 213.0260, -4.0300,
-26.0940

■ 191.7050, -8.7010,
-57.0930

■ 220.1330, -2.4730,
-15.7610

■ 184.5980,
-10.2580, -67.4260

■ 227.2400, -0.9160,
-5.4280

■ 177.1920,
-12.4110, -77.9710

■ 234.3470, 0.6410,
4.9050

■ 169.9710,
-13.6470, -88.6150

■ 240.6130, 6.0040,
12.3400

■ 162.8640,
-15.2040, -98.9480

■ 240.9120, 6.6000,
12.5520

■ 159.5170,
-15.8450, -103.8530

Harmonies

Analogous

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



211.7190, 33.3830, -26.8170



205.9190, -5.5870, -36.4270



197.7300, -53.4070, -39.8310

Triad

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



205.9190, -5.5870, -36.4270



194.0020, -82.5710, -17.8910



205.7650, 38.0510, 20.7630

Complementary

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



205.9190, -5.5870, -36.4270



175.0810, 5.5870, 36.4270

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.



212.6560, 22.7810, 33.1890



205.9190, -5.5870, -36.4270



209.4050, -31.6370, 6.1790

Square

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



205.9190, -5.5870, -36.4270



168.1890, -147.0300, -44.6460



218.5510, 9.7150, 27.6910



205.9010, 48.6910, 4.1390

Rectangle

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



205.9190, -5.5870, -36.4270



189.1680, -89.8110, -40.8750



218.5510, 9.7150, 27.6910



207.4750, 33.2360, 25.4280

Sweetspot

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



205.9190, -5.5870, -36.4270



246.4260, -1.7400, -12.5240



205.3300, 33.7010, -10.5470



122.7730, -1.0990, -7.6190



0.0000, 0.0000, 0.0000



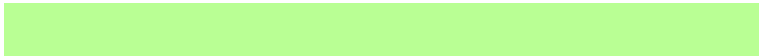
128.0000, -0.0000, -0.0000

Same Dimension

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



205.9190, -5.5870, -36.4270



221.8720, -7.3730, -48.1170



198.9150, -26.1270, -38.6310



111.2400, -0.9160, -5.4280



123.6110, -12.2730, -80.4730



35.3190, -3.2970, -22.8570

Inverse Universe

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



175.0810, 5.5870, 36.4270



181.1280, 7.3730, 48.1170



182.0850, 26.1270, 38.6310



106.7600, 0.9160, 5.4280



55.3890, 12.2730, 80.4730



15.6810, 3.2970, 22.8570

Previews

White Background



This preview shows how the YIQ color 205.9190, -5.5870, -36.4270 looks on a white background.

Color Contrast Check

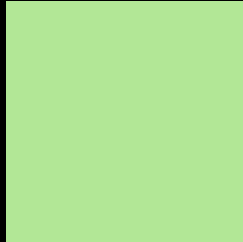
Large Text (above 18pt) WCAG AA × Fail

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 205.9190, -5.5870, -36.4270 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 205.9190, -5.5870, -36.4270

Background



This preview shows how black text looks on a background with the YIQ color 205.9190, -5.5870, -36.4270.



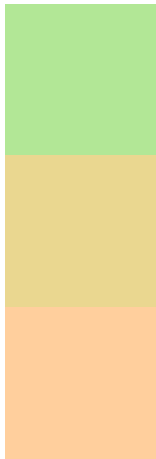
This preview shows how white text looks on a background with the YIQ color 205.9190, -5.5870,

-36.4270.

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

205.9190, -5.5870, -36.4270

Protanopia

212.5870, 34.1150, -18.0530

Deuteranopia

215.6520, 44.6580, -5.3740



Tritanopia

213.6800, -22.4660, -0.3380

Trichromacy



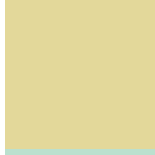
Original Color

205.9190, -5.5870, -36.4270



Protanomaly

210.3570, 19.9030, -24.8090



Deuteranomaly

212.2210, 26.4580, -16.9500



Tritanomaly

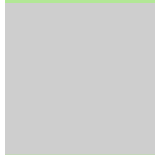
210.8850, -16.2740, -13.4420

Monochromacy



Original Color

205.9190, -5.5870, -36.4270



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

206.0130, -2.0150, -13.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.9190, -5.5870, -36.4270 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(178, 231, 150)` looks like.

```
.text, #text, p{  
    color:rgb(178, 231, 150)  
}
```

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(178, 231, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 231, 150) }
```

Border

The CSS property to change the border of an element to YIQ 205.9190, -5.5870, -36.4270 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(178, 231, 150) }
```


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

```
.border{ border-color:rgb(178, 231, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 231, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 231, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 231, 150);  
box-shadow:4px 4px 4px 4px rgb(178, 231,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 205.9190, -5.5870, -36.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 231, 150) }
```

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

```
.background{ background-color: rgb(178,  
231, 150) }
```

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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