

Converting Colors

YIQ(206.4100, -13.9790,
-27.5070)

Have a look what the booklet for
YIQ(206.4100, -13.9790, -27.5070)
contains.

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Color

**YIQ(206.4100, -13.9790,
-27.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E4AF
RGB	176, 228, 175
RGB Percent	69%, 89%, 69%
CMY	0.3100, 0.1058, 0.3137
CMYK	0.23, 0.00, 0.23, 0.11
HSL	119°, 50%, 79%
HSV	119°, 23%, 89%
XYZ	53.3823, 67.8192, 50.8324
YIQ	206.4100, -13.9790, -27.5070

Conversions

Conversions Part 2

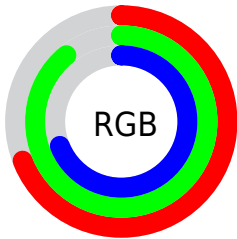
Format	Color
RYB	175, 228, 227
Decimal	11592879
CIELab	85.92, -26.76, 20.57
CIELCh	86, 33.751, 142.460
Yxy	67.8192, 0.3103, 0.3942
Android (android.graphics.Color)	4289782959 (0xFFB0E4AF)
YUV	206.4100, -15.4851, -26.6696
Hunter-Lab	82.3524, -28.4098, 21.0497

Details

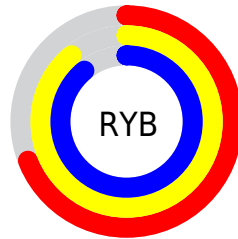
The YIQ color **206.4100, -13.9790, -27.5070** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196.5900, 13.9790, 27.5070**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **245.3870, -6.0040, -12.3400**, and **151.3500, -13.7500, -26.1500** is the 20% darker color. If you saturate the color by 10%, you get **197.2100, -19.7080, -39.3240**, and if you desaturate by 10%, it is **215.6100, -8.2500, -15.6900**.

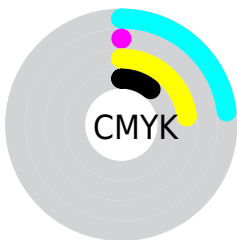
Distribution



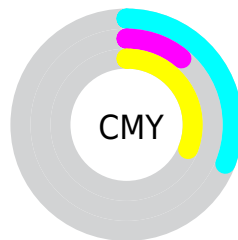
- Red (69%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.4100, -13.9790, -27.5070 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 206.4100, -13.9790, -27.5070 by changing the saturation by 10% instead.

■ 206.4100,
-13.9790, -27.5070

■ 206.4100,
-13.9790, -27.5070

255.0000, -0.0000,
-0.0000

■ 178.8230,
-13.7040, -26.9840

■ 245.3870, -6.0040,
-12.3400

■ 151.3500,
-13.7500, -26.1500

■ 125.7630,
-13.4750, -25.6270

■ 100.2900,
-13.5210, -24.7930

■ 75.5180, -14.1630,
-24.1710

■ 51.4470, -15.4010,
-23.7610

■ 28.7460, -14.8050,

-23.5490

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 206.4100,
-13.9790, -27.5070

■ 206.4100,
-13.9790, -27.5070

■ 197.2100,
-19.7080, -39.3240

■ 215.6100, -8.2500,
-15.6900

■ 187.7110,
-26.0330, -51.3530

■ 225.1090, -1.9250,
-3.6610

■ 178.6250,
-32.0830, -62.8590

■ 234.1950, 4.1250,
7.8450

■ 169.1260,
-38.4080, -74.8880

■ 239.1510, 7.4250,
14.1210

■ 159.9260,
-44.1370, -86.7050

■ 150.7260,
-49.8660, -98.5220

■ 141.2270,
-56.1910, -110.5510

■ 135.0320,
-60.3160, -118.3960

Harmonies

Analogous

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



210.4970, 16.6930, -21.6990



206.4100, -13.9790, -27.5070



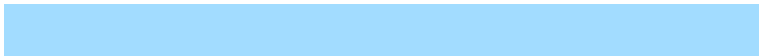
201.4140, -46.1650, -27.9010

Triad

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



206.4100, -13.9790, -27.5070



206.6480, -45.8030, -1.4110



210.8370, 37.5480, 13.3560

Complementary

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



206.4100, -13.9790, -27.5070



196.5900, 13.9790, 27.5070

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.



214.4850, 27.2760, 23.3080



206.4100, -13.9790, -27.5070



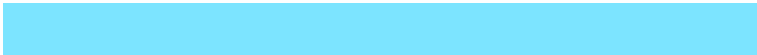
214.2440, -14.7660, 14.3060

Square

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



206.4100, -13.9790, -27.5070



199.9820, -70.6510, -13.6510



219.9210, 11.5490, 27.4930



212.4550, 44.0150, 0.7750

Rectangle

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



206.4100, -13.9790, -27.5070



199.1270, -64.2300, -25.3980



219.9210, 11.5490, 27.4930



211.3900, 34.6130, 16.9890

Sweetspot

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



206.4100, -13.9790, -27.5070



247.5660, -4.9500, -9.4140



220.7840, 17.5630, -15.4370



123.4570, -3.0250, -5.7530



0.0000, 0.0000, 0.0000



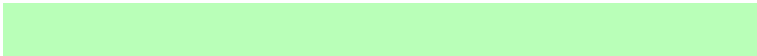
128.0000, -0.0000, -0.0000

Same Dimension

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



206.4100, -13.9790, -27.5070



225.9760, -18.9290, -36.9210



208.9610, -22.6000, -19.9440



110.0440, -3.3000, -6.2760



105.9700, -47.4370, -92.9810



30.2360, -13.4290, -26.4610

Inverse Universe

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



196.5900, 13.9790, 27.5070



213.0240, 18.9290, 36.9210



194.0390, 22.6000, 19.9440



107.9560, 3.3000, 6.2760



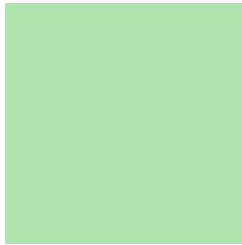
72.7310, 46.8410, 92.7690



20.7640, 13.4290, 26.4610

Previews

White Background



This preview shows how the YIQ color 206.4100, -13.9790, -27.5070 looks on a white background.

Color Contrast Check

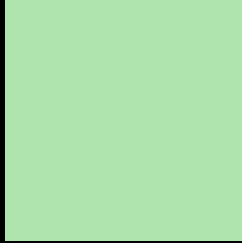
Large Text (above 18pt) WCAG AA × Fail

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 206.4100, -13.9790, -27.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

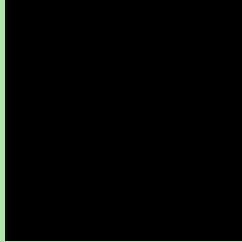
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

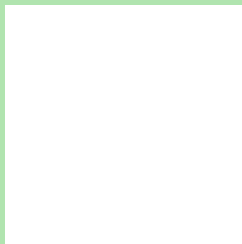
Any Text WCAG AAA ✓ Pass

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

YIQ 206.4100, -13.9790, -27.5070 Background



This preview shows how black text looks on a background with the YIQ color 206.4100, -13.9790, -27.5070.



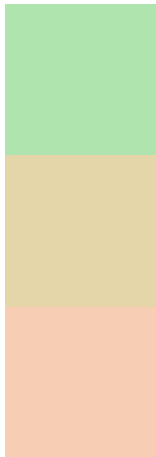
This preview shows how white text looks on a background with the YIQ color 206.4100, -13.9790, -27.5070.

-27.5070.

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

206.4100, -13.9790, -27.5070

Protanopia

212.9420, 23.1100, -11.3380

Deuteranopia

215.2950, 32.7820, 0.6060



Tritanopia

212.0710, -25.1250, -1.7090

Trichromacy



Original Color

206.4100, -13.9790, -27.5070



Protanomaly

210.5380, 9.4480, -17.0480



Deuteranomaly

211.9890, 15.7280, -9.7120



Tritanomaly

210.0140, -20.9510, -11.2790

Monochromacy



Original Color

206.4100, -13.9790, -27.5070



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

206.1530, -5.2250, -9.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.4100, -13.9790, -27.5070 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(176, 228, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 228, 175)  
}
```

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(176, 228, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 228, 175) }
```

Border

The CSS property to change the border of an element to YIQ 206.4100, -13.9790, -27.5070 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(176, 228, 175) }
```


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

```
.border{ border-color:rgb(176, 228, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 228, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 228, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 228, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 228,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 206.4100, -13.9790, -27.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 228, 175) }
```

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

```
.background{ background-color: rgb(176,  
228, 175) }
```

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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