

Converting Colors

YIQ(189.3790, -3.5260,
-24.2140)

Have a look what the booklet for
YIQ(189.3790, -3.5260, -24.2140)
contains.

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Color

**YIQ(189.3790, -3.5260,
-24.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	ABCE98
RGB	171, 206, 152
RGB Percent	67%, 81%, 60%
CMY	0.3295, 0.1921, 0.4039
CMYK	0.17, 0.00, 0.26, 0.19
HSL	99°, 36%, 70%
HSV	99°, 26%, 81%
XYZ	44.5310, 55.0714, 37.9916
YIQ	189.3790, -3.5260, -24.2140

Conversions

Conversions Part 2

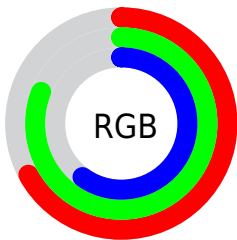
Format	Color
RYB	152, 206, 187
Decimal	11259544
CIELab	79.08, -21.50, 23.13
CIElCh	79, 31.581, 132.902
Yxy	55.0714, 0.3236, 0.4002
Android (android.graphics.Color)	4289449624 (0xFFABCE98)
YUV	189.3790, -18.4278, -16.1184
Hunter-Lab	74.2101, -22.7559, 21.5938

Details

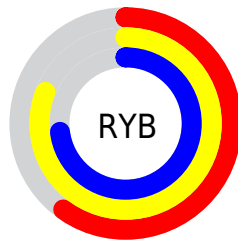
The YIQ color $189.3790, -3.5260, -24.2140$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $168.6210, 3.5260, 24.2140$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.1560, -1.2800, -20.8640$, and $136.0200, -3.8930, -23.0690$ is the 20% darker color. If you saturate the color by 10%, you get $183.0980, -4.5330, -33.5010$, and if you desaturate by 10%, it is $195.6600, -2.5190, -14.9270$.

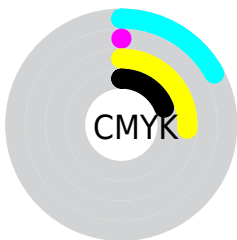
Distribution



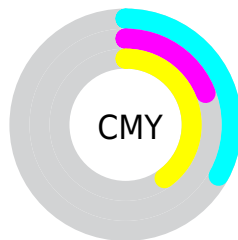
- Red (67%)
- Green (81%)
- Blue (60%)



- Red (60%)
- Yellow (81%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (19%)




- Cyan (33%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.3790, -3.5260, -24.2140 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 189.3790, -3.5260, -24.2140 by changing the saturation by 10% instead.


 189.3790, -3.5260,
-24.2140


 189.3790, -3.5260,
-24.2140


255.0000, -0.0000,
-0.0000


 161.9060, -3.5720,
-23.3800


 241.1560, -1.2800,
-20.8640


 136.0200, -3.8930,
-23.0690

 252.7200, 6.4200,
-6.2200

 110.4330, -3.6180,
-22.5460

 85.0740, -3.9850,
-21.4010

 61.6010, -4.0310,
-20.5670

 38.6010, -4.0310,
-20.5670

 18.7840, -8.8000,

-16.7360

0.0000, 0.0000,
0.0000

189.3790, -3.5260,
-24.2140

189.3790, -3.5260,
-24.2140

183.0980, -4.5330,
-33.5010

195.6600, -2.5190,
-14.9270

176.6320, -6.4570,
-42.6890

202.1260, -0.5950,
-5.7390

170.3510, -7.4640,
-51.9760

208.4070, 0.4120,
3.5480

163.8850, -9.3880,
-61.1640

214.5740, 1.7400,
12.5240

157.6040,
-10.3950, -70.4510

221.1540, 3.3430,
22.0230

■ 151.3230,
-11.4020, -79.7380

■ 225.0410, 11.0910,
24.7790

■ 144.8570,
-13.3260, -88.9260

■ 226.2370, 13.4750,
25.6270

■ 142.4500,
-13.7380, -92.4740

Harmonies

Analogous

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



192.9540, 22.8360, -17.3880



189.3790, -3.5260, -24.2140



185.1120, -33.5110, -25.9510

Triad

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



189.3790, -3.5260, -24.2140



188.7270, -56.2110, -0.0110



199.3590, 45.0660, 20.2820

Complementary

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



189.3790, -3.5260, -24.2140



168.6210, 3.5260, 24.2140

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.



200.3650, 27.7340, 26.0220



189.3790, -3.5260, -24.2140



195.6430, -29.0710, 14.7450

Square

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



189.3790, -3.5260, -24.2140



182.0530, -69.4130, -14.0610



199.8380, 1.4170, 23.8890



197.7210, 49.3780, 8.2100

Rectangle

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



189.3790, -3.5260, -24.2140



182.2980, -51.5300, -24.2820



199.8380, 1.4170, 23.8890



199.9010, 40.6640, 22.9680

Sweetspot

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



189.3790, -3.5260, -24.2140



248.8330, -1.3280, -8.9760



188.1040, 22.8340, -6.3340



123.8270, -1.1910, -5.9510



0.0000, 0.0000, 0.0000



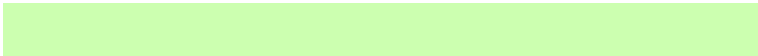
128.0000, -0.0000, -0.0000

Same Dimension

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



189.3790, -3.5260, -24.2140



230.7450, -5.0370, -35.3810



184.4960, -17.0970, -26.0650



98.7670, -0.9620, -4.5940



114.7840, -11.0820, -74.5220



26.1930, -2.7020, -17.1180

Inverse Universe

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



168.6210, 3.5260, 24.2140



200.2550, 5.0370, 35.3810



173.5040, 17.0970, 26.0650



94.9340, 0.3660, 4.3820



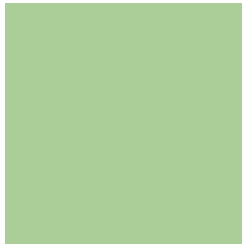
51.2160, 11.0820, 74.5220



11.8070, 2.7020, 17.1180

Previews

White Background



This preview shows how the YIQ color 189.3790, -3.5260, -24.2140 looks on a white background.

Color Contrast Check

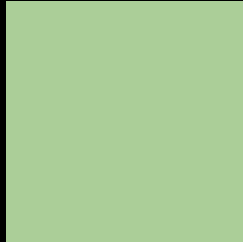
Large Text (above 18pt) WCAG AA × Fail

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 189.3790, -3.5260, -24.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

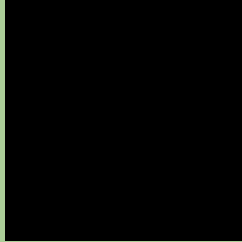
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.3790, -3.5260, -24.2140

Background



This preview shows how black text looks on a background with the YIQ color 189.3790, -3.5260, -24.2140.



This preview shows how white text looks on a background with the YIQ color 189.3790, -3.5260,

-24.2140.

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

189.3790, -3.5260, -24.2140

Protanopia

193.7140, 23.7520, -11.9600

Deuteranopia

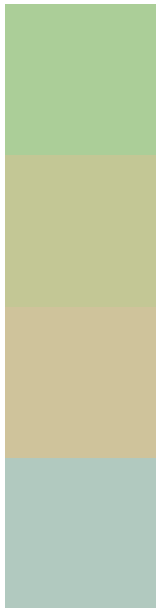
196.3120, 34.1120, -1.4720



Tritanopia

194.7410, -15.2680, 1.3720

Trichromacy



Original Color

189.3790, -3.5260, -24.2140

Protanomaly

192.1040, 13.6660, -16.3980

Deuteranomaly

194.0280, 19.9920, -9.8960

Tritanomaly

192.6840, -11.0940, -8.1980

Monochromacy



Original Color

189.3790, -3.5260, -24.2140

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.9470, -1.6490, -8.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.3790, -3.5260, -24.2140 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(171, 206, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 206, 152)  
}
```

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(171, 206, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 206, 152) }
```

Border

The CSS property to change the border of an element to YIQ 189.3790, -3.5260, -24.2140 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(171, 206, 152) }
```


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

```
.border{ border-color:rgb(171, 206, 152) }
```

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

Here you see how a box with a 4 pixel rgb(171, 206, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 206, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 206, 152);  
box-shadow:4px 4px 4px 4px rgb(171, 206,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 189.3790, -3.5260, -24.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 206, 152) }
```

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

```
.background{ background-color: rgb(171,  
206, 152) }
```

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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