

Converting Colors

YIQ(189.7040, -5.8190,
-21.2030)

Have a look what the booklet for
YIQ(189.7040, -5.8190, -21.2030)
contains.

YIQ(189.7040, -5.8190, -21.2030)	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(189.7040, -5.8190,
-21.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	ABCD A0
RGB	171, 205, 160
RGB Percent	67%, 80%, 63%
CMY	0.3295, 0.1960, 0.3725
CMYK	0.17, 0.00, 0.22, 0.20
HSL	105°, 31%, 72%
HSV	105°, 22%, 80%
XYZ	44.9687, 54.8624, 41.4785
YIQ	189.7040, -5.8190, -21.2030

Conversions

Conversions Part 2

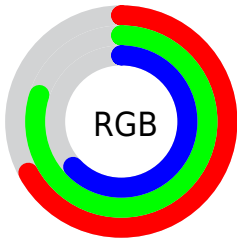
Format	Color
RYB	160, 205, 194
Decimal	11259296
CIELab	78.96, -19.71, 18.74
CIElCh	79, 27.201, 136.440
Yxy	54.8624, 0.3182, 0.3882
Android (android.graphics.Color)	4289449376 (0xFFABCD A0)
YUV	189.7040, -14.6441, -16.4034
Hunter-Lab	74.0692, -21.2506, 18.6462

Details

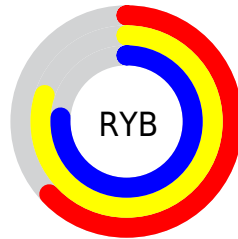
The YIQ color **189.7040, -5.8190, -21.2030** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175.2960, 5.8190, 21.2030**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.0680, -3.8480, -18.3760**, and **136.2310, -5.8650, -20.3690** is the 20% darker color. If you saturate the color by 10%, you get **182.6400, -8.9350, -30.8150**, and if you desaturate by 10%, it is **196.5830, -3.6200, -11.4920**.

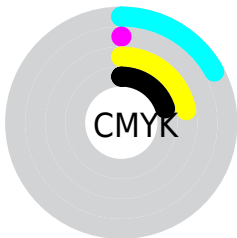
Distribution



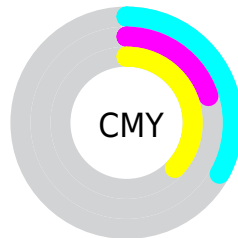
- Red (67%)
- Green (80%)
- Blue (63%)



- Red (63%)
- Yellow (80%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.7040, -5.8190, -21.2030 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 189.7040, -5.8190, -21.2030 by changing the saturation by 10% instead.

■ 189.7040, -5.8190,
-21.2030

■ 189.7040, -5.8190,
-21.2030

■ 255.0000, -0.0000,
-0.0000

■ 162.2310, -5.8650,
-20.3690

■ 242.0680, -3.8480,
-18.3760

■ 136.2310, -5.8650,
-20.3690

■ 253.6320, 3.8520,
-3.7320

■ 110.7580, -5.9110,
-19.5350

■ 86.1710, -5.6360,
-19.0120

■ 62.3990, -6.2780,
-18.3900

■ 39.9260, -6.3240,
-17.5560

■ 18.7840, -8.8000,

-16.7360

0.0000, 0.0000,
0.0000

189.7040, -5.8190,
-21.2030

189.7040, -5.8190,
-21.2030

182.6400, -8.9350,
-30.8150

196.5830, -3.6200,
-11.4920

175.7610,
-11.1340, -40.5260

203.6470, -0.5040,
-1.8800

168.5830,
-13.9290, -50.4490

210.5260, 1.6950,
7.8310

161.8180,
-16.4490, -59.8490

217.5900, 4.8110,
17.4430

154.6400,
-19.2440, -69.7720

223.8560, 10.1740,
24.8780

■ 147.8750,
-21.7640, -79.1720

■ 225.6500, 13.7500,
26.1500

■ 140.6970,
-24.5590, -89.0950

■ 135.2850,
-26.5750, -96.6150

Harmonies

Analogous

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



192.7840, 17.5630, -15.4370



189.7040, -5.8190, -21.2030



186.3020, -30.9900, -22.0780

Triad

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



189.7040, -5.8190, -21.2030



190.3540, -44.7950, 2.3490



199.0870, 39.8400, 15.8720

Complementary

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



189.7040, -5.8190, -21.2030



175.2960, 5.8190, 21.2030

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.



199.6590, 26.7260, 22.2620



189.7040, -5.8190, -21.2030



196.1230, -21.7350, 13.9530

Square

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



189.7040, -5.8190, -21.2030



185.2180, -56.5760, -9.9200



198.9260, 3.9850, 21.4010



197.4320, 42.8220, 5.8780

Rectangle

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



189.7040, -5.8190, -21.2030



184.6410, -45.0660, -20.2820



198.9260, 3.9850, 21.4010



199.2270, 36.6300, 18.9820

Sweetspot

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



189.7040, -5.8190, -21.2030



248.7620, -2.5660, -8.5660



193.4130, 17.4700, -8.2420



124.3540, -1.2370, -5.1170



0.0000, 0.0000, 0.0000



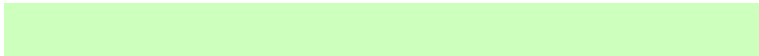
128.0000, -0.0000, -0.0000

Same Dimension

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



189.7040, -5.8190, -21.2030



232.5260, -8.6140, -31.1260



187.6690, -15.9060, -20.1140



98.4680, -1.5580, -4.8060



109.4020, -21.8100, -78.3380



24.9970, -5.0860, -17.9660

Inverse Universe

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



175.2960, 5.8190, 21.2030



211.4740, 8.6140, 31.1260



177.3310, 15.9060, 20.1140



95.5320, 1.5580, 4.8060



56.2990, 21.2140, 78.1260



13.0030, 5.0860, 17.9660

Previews

White Background



This preview shows how the YIQ color 189.7040, -5.8190, -21.2030 looks on a white background.

Color Contrast Check

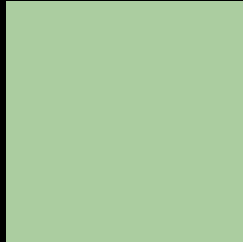
Large Text (above 18pt) WCAG AA × Fail

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 189.7040, -5.8190, -21.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

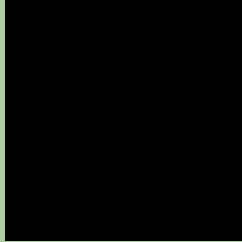
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.7040, -5.8190, -21.2030

Background



This preview shows how black text looks on a background with the YIQ color 189.7040, -5.8190, -21.2030.

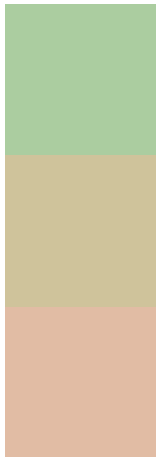


This preview shows how white text looks on a background with the YIQ color 189.7040, -5.8190,

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

189.7040, -5.8190, -21.2030

Protanopia

194.0280, 19.9920, -9.8960

Deuteranopia

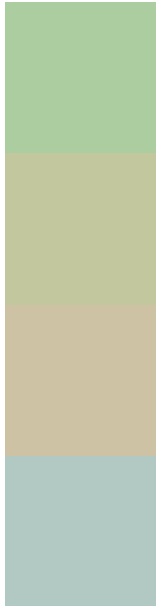
196.3270, 29.7560, 0.3800



Tritanopia

194.4420, -15.8640, 1.1600

Trichromacy



Original Color

189.7040, -5.8190, -21.2030

Protanomaly

192.7170, 10.5020, -14.1220

Deuteranomaly

193.7550, 16.5070, -7.3090

Tritanomaly

193.0260, -12.0570, -7.2650

Monochromacy



Original Color

189.7040, -5.8190, -21.2030

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.5880, -2.0160, -7.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.7040, -5.8190, -21.2030 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, 205, 160)` looks like.

```
.text, #text, p{  
    color:rgb(171, 205, 160)  
}
```

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, 205, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 205, 160) }
```

Border

The CSS property to change the border of an element to YIQ 189.7040, -5.8190, -21.2030 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, 205, 160) }
```


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

```
.border{ border-color:rgb(171, 205, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 205, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 205, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 205, 160); box-shadow:4px 4px 4px 4px rgb(171, 205, 160) }
```

Background

The CSS property to change the background color of an element to YIQ 189.7040, -5.8190, -21.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 205, 160) }
```

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

```
.background{ background-color: rgb(171,  
205, 160) }
```

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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