

Converting Colors

YIQ(195.5120, 3.1690, -29.9110)

Have a look what the booklet for
YIQ(195.5120, 3.1690, -29.9110)
contains.

YIQ(195.5120, 3.1690, -29.9110)	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(195.5120, 3.1690,
-29.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D68D
RGB	180, 214, 141
RGB Percent	71%, 84%, 55%
CMY	0.2942, 0.1607, 0.4470
CMYK	0.16, 0.00, 0.34, 0.16
HSL	88°, 47%, 70%
HSV	88°, 34%, 84%
XYZ	47.6741, 59.7233, 34.2212
YIQ	195.5120, 3.1690, -29.9110

Conversions

Conversions Part 2

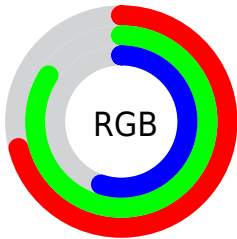
Format	Color
RYB	141, 214, 175
Decimal	11851405
CIELab	81.69, -23.80, 32.45
CIELCh	82, 40.239, 126.258
Yxy	59.7233, 0.3366, 0.4217
Android (android.graphics.Color)	4290041485 (0xFFB4D68D)
YUV	195.5120, -26.8744, -13.6040
Hunter-Lab	77.2809, -25.1260, 27.8420

Details

The YIQ color **195.5120, 3.1690, -29.9110** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **159.4880, -3.1690, 29.9110**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.7780, 8.5320, -22.4760**, and **141.2670, 2.4810, -28.4550** is the 20% darker color. If you saturate the color by 10%, you get **190.1280, 3.9500, -38.5620**, and if you desaturate by 10%, it is **200.8960, 2.3880, -21.2600**.

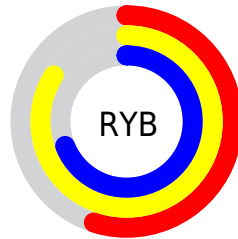
Distribution



Red (71%)

Green (84%)

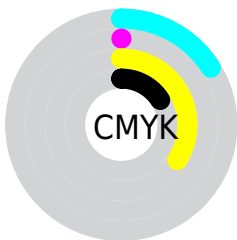
Blue (55%)



Red (55%)

Yellow (84%)

Blue (69%)

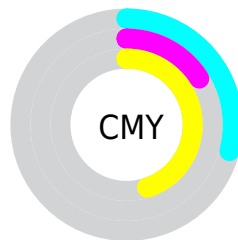


Cyan (16%)

Magenta (0%)

Yellow (34%)

Black (16%)



Cyan (29%)

Magenta (16%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.5120, 3.1690, -29.9110 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 195.5120, 3.1690, -29.9110 by changing the saturation by 10% instead.

■ 195.5120, 3.1690,
-29.9110

■ 195.5120, 3.1690,
-29.9110

255.0000, -0.0000,
-0.0000

■ 168.0390, 3.1230,
-29.0770

■ 242.7780, 8.5320,
-22.4760

■ 141.2670, 2.4810,
-28.4550

■ 251.3520, 10.2720,
-9.9520

■ 115.4950, 1.8390,
-27.8330

■ 254.6580, 0.9630,
-0.9330

■ 90.6090, 1.5180,
-27.5220

■ 66.0220, 1.7930,
-26.9990

■ 43.2930, -0.4080,
-25.6560

■ 22.3060, -10.4500,

-19.8740

■ 6.4570, -3.0250,
-5.7530

■ 0.0000, 0.0000,
0.0000

■ 195.5120, 3.1690,
-29.9110

■ 195.5120, 3.1690,
-29.9110

■ 190.1280, 3.9500,
-38.5620

■ 200.8960, 2.3880,
-21.2600

■ 184.6300, 5.0520,
-47.5240

■ 206.3940, 1.2860,
-12.2980

■ 179.2460, 5.8330,
-56.1750

■ 211.7780, 0.5050,
-3.6470

■ 173.7480, 6.9350,
-65.1370

■ 217.2760, -0.5970,
5.3150

■ 168.3640, 7.7160,
-73.7880

■ 222.6600, -1.3780,
13.9660

■ 162.9800, 8.4970,
-82.4390

■ 226.4480, 2.3350,
18.2630

■ 159.7040, 9.0940,
-87.7540

■ 229.4380, 8.2950,
20.3830

■ 230.9330, 11.2750,
21.4430

Harmonies

Analogous

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



199.7180, 35.1240, -19.8200



195.5120, 3.1690, -29.9110



189.5860, -35.2060, -33.7820

Triad

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



195.5120, 3.1690, -29.9110



185.4740, -80.7840, -11.7280



200.7270, 41.2140, 24.0140

Complementary

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



195.5120, 3.1690, -29.9110



159.4880, -3.1690, 29.9110

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.



207.9940, 27.6410, 33.2170



195.5120, 3.1690, -29.9110



197.5550, -40.8070, 7.1690

Square

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



195.5120, 3.1690, -29.9110



176.5970, -103.6600, -26.6680



205.7820, -4.1770, 26.1510



199.5580, 51.3950, 10.2030

Rectangle

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



195.5120, 3.1690, -29.9110



184.1560, -63.1740, -33.5260



205.7820, -4.1770, 26.1510



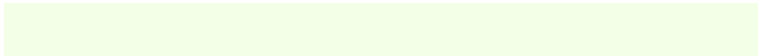
202.2090, 37.0410, 28.0570

Sweetspot

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



195.5120, 3.1690, -29.9110



248.5620, 0.8730, -10.3190



182.1980, 34.4330, -1.7830



123.7840, 0.3680, -6.6720



0.0000, 0.0000, 0.0000



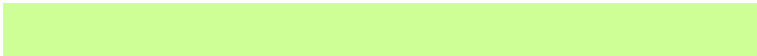
128.0000, -0.0000, -0.0000

Same Dimension

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



195.5120, 3.1690, -29.9110



228.3790, 4.5010, -43.0430



185.0470, -17.6910, -37.3310



104.2510, 0.5510, -4.4810



127.5860, 7.2110, -70.1410



32.1180, 1.8830, -17.6130

Inverse Universe

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



159.4880, -3.1690, 29.9110



176.6210, -4.5010, 43.0430



169.9530, 17.6910, 37.3310



98.7490, -0.5510, 4.4810



43.4140, -7.2110, 70.1410



10.8820, -1.8830, 17.6130

Previews

White Background



This preview shows how the YIQ color 195.5120, 3.1690, -29.9110 looks on a white background.

Color Contrast Check

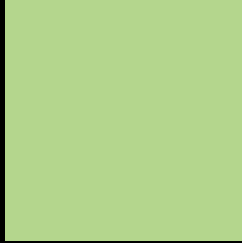
Large Text (above 18pt) WCAG AA × Fail

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 195.5120, 3.1690, -29.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

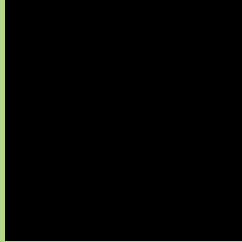
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.5120, 3.1690, -29.9110

Background



This preview shows how black text looks on a background with the YIQ color 195.5120, 3.1690, -29.9110.



This preview shows how white text looks on a background with the YIQ color 195.5120, 3.1690,

-29.9110.

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

195.5120, 3.1690, -29.9110

Protanopia

199.8580, 31.9140, -16.7100

Deuteranopia

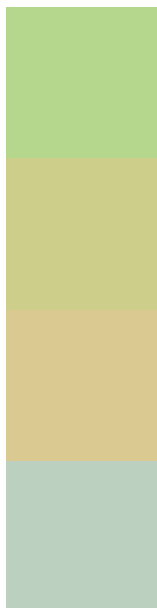
202.1680, 43.1450, -5.4870



Tritanopia

201.9370, -12.8840, 2.2200

Trichromacy



Original Color

195.5120, 3.1690, -29.9110

Protanomaly

197.9490, 21.2320, -21.3600

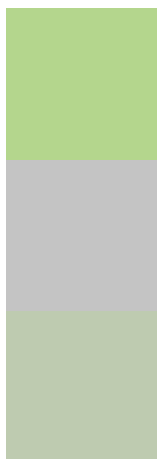
Deuteranomaly

199.5850, 28.4290, -14.1230

Tritanomaly

199.7830, -7.0590, -9.7390

Monochromacy



Original Color

195.5120, 3.1690, -29.9110

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.0350, 0.9190, -11.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.5120, 3.1690, -29.9110 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(180, 214, 141)` looks like.

```
.text, #text, p{  
    color:rgb(180, 214, 141)  
}
```

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(180, 214, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 214, 141) }
```

Border

The CSS property to change the border of an element to YIQ 195.5120, 3.1690, -29.9110 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(180, 214, 141) }
```


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

```
.border{ border-color:rgb(180, 214, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 214, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 214, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 214, 141);  
box-shadow:4px 4px 4px 4px rgb(180, 214,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 195.5120, 3.1690, -29.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 214, 141) }
```

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

```
.background{ background-color: rgb(180,  
214, 141) }
```

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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