

Converting Colors

YIQ(165.9260, -15.4920,
-27.6200)

Have a look what the booklet for
YIQ(165.9260, -15.4920, -27.6200)
contains.

YIQ(165.9260, -15.4920, -27.6200)	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(165.9260, -15.4920,
-27.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	86BC88
RGB	134, 188, 136
RGB Percent	53%, 74%, 53%
CMY	0.4747, 0.2626, 0.4667
CMYK	0.29, 0.00, 0.28, 0.26
HSL	122°, 29%, 63%
HSV	122°, 29%, 74%
XYZ	32.2566, 42.8185, 29.8552
YIQ	165.9260, -15.4920, -27.6200

Conversions

Conversions Part 2

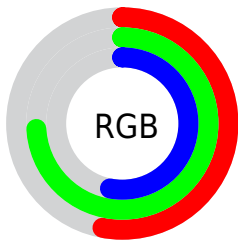
Format	Color
RYB	134, 186, 188
Decimal	8830088
CIELab	71.43, -28.10, 20.81
CIElCh	71, 34.966, 143.473
Yxy	42.8185, 0.3074, 0.4081
Android (android.graphics.Color)	4287020168 (0xFF86BC88)
YUV	165.9260, -14.7535, -27.9991
Hunter-Lab	65.4358, -26.5212, 18.7539

Details

The YIQ color **165.9260, -15.4920, -27.6200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **156.0740, 15.4920, 27.6200**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1000, -16.0420, -28.6660**, and **112.9800, -15.5840, -25.9520** is the 20% darker color. If you saturate the color by 10%, you get **158.1930, -21.0380, -37.2460**, and if you desaturate by 10%, it is **173.6590, -9.9460, -17.9940**.

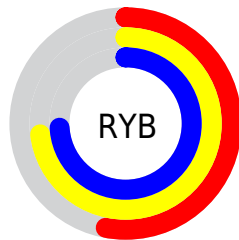
Distribution



Red (53%)

Green (74%)

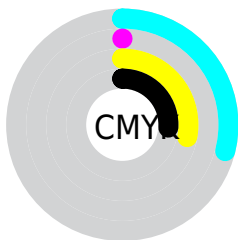
Blue (53%)



Red (53%)

Yellow (73%)

Blue (74%)

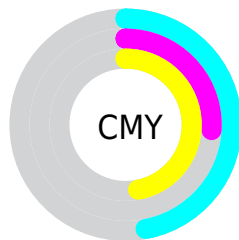


Cyan (29%)

Magenta (0%)

Yellow (28%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.9260, -15.4920, -27.6200 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 165.9260, -15.4920, -27.6200 by changing the saturation by 10% instead.

■ 165.9260,
-15.4920, -27.6200

■ 165.9260,
-15.4920, -27.6200

■ 255.0000, -0.0000,
-0.0000

■ 139.3390,
-15.2170, -27.0970

■ 221.6870,
-16.3170, -29.1890

■ 112.9800,
-15.5840, -25.9520

■ 239.3060,
-10.4500, -19.8740

■ 88.0940, -15.9050,
-25.6410

■ 250.9840, -3.0710,
-4.9190

■ 63.4360, -16.8680,
-24.7080

■ 38.7560, -20.7650,
-25.6690

■ 22.3060, -10.4500,
-19.8740

■ 5.8700, -2.7500,

-5.2300

■ 0.0000, 0.0000,
0.0000

■ 165.9260,
-15.4920, -27.6200

■ 165.9260,
-15.4920, -27.6200

■ 158.1930,
-21.0380, -37.2460

■ 173.6590, -9.9460,
-17.9940

■ 150.4600,
-26.5840, -46.8720

■ 181.3920, -4.4000,
-8.3680

■ 143.0260,
-31.5340, -56.2860

■ 188.8260, 0.5500,
1.0460

■ 135.2930,
-37.0800, -65.9120

■ 196.5590, 6.0960,
10.6720

■ 127.5600,
-42.6260, -75.5380

■ 204.2920, 11.6420,
20.2980

■ 119.7130,
-47.8510, -85.4750

■ 212.1390, 16.8670,
30.2350

■ 111.9800,
-53.3970, -95.1010

■ 215.6710, 18.4250,
35.0410

■ 111.1540,
-53.9470, -96.1470

Harmonies

Analogous

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



170.6000, 14.9050, -22.3350



165.9260, -15.4920, -27.6200



160.1470, -49.7870, -28.3390

Triad

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



165.9260, -15.4920, -27.6200



168.6720, -54.3780, 5.3180



177.6000, 51.5770, 17.9210

Complementary

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



165.9260, -15.4920, -27.6200



156.0740, 15.4920, 27.6200

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.



178.8670, 38.0040, 27.1240



165.9260, -15.4920, -27.6200



176.2960, -20.5440, 19.9040

Square

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



165.9260, -15.4920, -27.6200



157.8330, -80.4170, -12.8730



179.5190, 12.7410, 27.9170



176.0430, 51.1670, 3.3190

Rectangle

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



165.9260, -15.4920, -27.6200



155.4790, -71.1530, -26.5850



179.5190, 12.7410, 27.9170



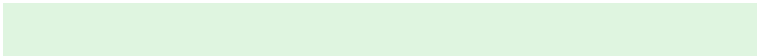
178.2670, 48.3210, 21.8650

Sweetspot

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



165.9260, -15.4920, -27.6200



236.0280, -6.3710, -11.1950



181.2460, 16.1420, -17.2180



116.6310, -3.5750, -6.7990



250.0000, 0.0000, 0.0000



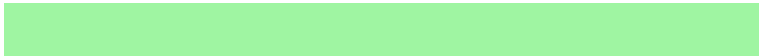
122.0000, 0.0000, -0.0000

Same Dimension

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



165.9260, -15.4920, -27.6200



209.8240, -24.6130, -44.0450



169.0040, -24.1590, -19.2230



90.2830, -2.4750, -4.7070



93.4300, -45.3760, -80.7680



18.3110, -8.8460, -15.9020

Inverse Universe

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



156.0740, 15.4920, 27.6200



194.1760, 24.6130, 44.0450



152.9960, 24.1590, 19.2230



88.7170, 2.4750, 4.7070



64.5700, 45.3760, 80.7680



12.5750, 9.1670, 15.5910

Previews

White Background



This preview shows how the YIQ color 165.9260, -15.4920, -27.6200 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 165.9260, -15.4920, -27.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

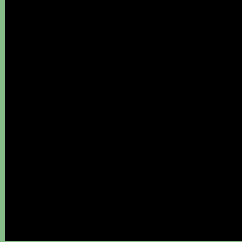
Any Text WCAG AA ✓ Pass

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 165.9260, -15.4920, -27.6200 Background



This preview shows how black text looks on a background with the YIQ color 165.9260, -15.4920, -27.6200.



This preview shows how white text looks on a background with the YIQ color 165.9260, -15.4920, -27.6200.

-27.6200.

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

165.9260, -15.4920, -27.6200

Protanopia

172.8710, 21.8720, -10.9280

Deuteranopia

174.6860, 30.1230, -0.7650



Tritanopia

171.2450, -25.6750, -2.7550

Trichromacy



Original Color

165.9260, -15.4920, -27.6200

Protanomaly

170.3530, 8.5310, -16.9490

Deuteranomaly

171.7930, 13.3440, -10.5600

Tritanomaly

169.4160, -22.1430, -11.7030

Monochromacy



Original Color

165.9260, -15.4920, -27.6200

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.8540, -5.8210, -10.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9260, -15.4920, -27.6200 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(134, 188, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 188, 136)  
}
```

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(134, 188, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 188, 136) }
```

Border

The CSS property to change the border of an element to YIQ 165.9260, -15.4920, -27.6200 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(134, 188, 136) }
```


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

```
.border{ border-color:rgb(134, 188, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 188, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 188, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 188, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 188,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9260, -15.4920, -27.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 188, 136) }
```

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

```
.background{ background-color: rgb(134,  
188, 136) }
```

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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