

Converting Colors

YIQ(192.0410, 16.8360,
-51.8360)

Have a look what the booklet for
YIQ(192.0410, 16.8360, -51.8360)
contains.

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Color

**YIQ(192.0410, 16.8360,
-51.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DD55
RGB	176, 221, 85
RGB Percent	69%, 87%, 33%
CMY	0.3100, 0.1332, 0.6665
CMYK	0.20, 0.00, 0.62, 0.13
HSL	80°, 67%, 60%
HSV	80°, 62%, 87%
XYZ	45.3962, 61.6037, 18.1015
YIQ	192.0410, 16.8360, -51.8360

Conversions

Conversions Part 2

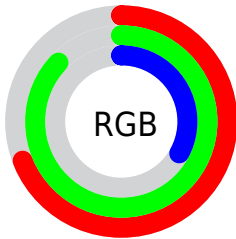
Format	Color
RYB	85, 221, 130
Decimal	11590997
CIELab	82.70, -34.60, 60.20
CIELCh	83, 69.440, 119.888
Yxy	61.6037, 0.3629, 0.4924
Android (android.graphics.Color)	4289781077 (0xFFB0DD55)
YUV	192.0410, -52.7712, -14.0680
Hunter-Lab	78.4880, -34.1124, 41.2677

Details

The YIQ color **192.0410, 16.8360, -51.8360** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **113.9590, -16.8360, 51.8360**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.6110, 24.3990, -40.2170**, and **136.2860, 17.5240, -53.2920** is the 20% darker color. If you saturate the color by 10%, you get **187.4400, 19.7260, -60.1620**, and if you desaturate by 10%, it is **196.6420, 13.9460, -43.5100**.

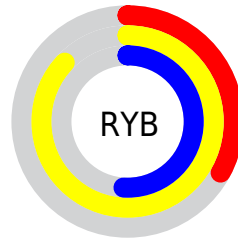
Distribution



Red (69%)

Green (87%)

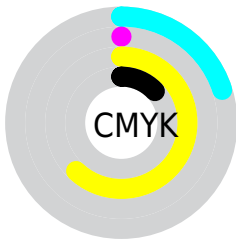
Blue (33%)



Red (33%)

Yellow (87%)

Blue (51%)

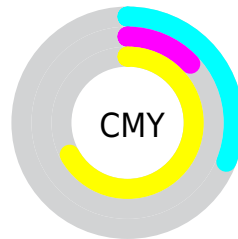


Cyan (20%)

Magenta (0%)

Yellow (62%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.0410, 16.8360, -51.8360 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 192.0410, 16.8360, -51.8360 by changing the saturation by 10% instead.

192.0410, 16.8360,
-51.8360

192.0410, 16.8360,
-51.8360

255.0000, -0.0000,
-0.0000

164.0410, 16.8360,
-51.8360

235.6110, 24.3990,
-40.2170

136.2860, 17.5240,
-53.2920

245.0820, 27.9270,
-27.0570

109.1010, 16.6070,
-53.1930

248.2740, 18.9390,
-18.3490

86.3530, 7.3900,
-45.8420

251.5800, 9.6300,
-9.3300

63.6050, -1.8270,
-38.4910

254.8860, 0.3210,
-0.3110

38.1550, -17.8750,
-33.9950

24.6540, -11.5500,

-21.9660

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 192.0410, 16.8360,
-51.8360

■ 192.0410, 16.8360,
-51.8360

■ 187.4400, 19.7260,
-60.1620

■ 196.6420, 13.9460,
-43.5100

■ 182.5400, 22.0200,
-68.7000

■ 201.5420, 11.6520,
-34.9720


■ 177.9390, 24.9100,
-77.0260

■ 206.1430, 8.7620,
-26.6460

■ 173.9790, 27.4330,
-84.2070


■ 210.7440, 5.8720,
-18.3200

 215.7580, 3.2570,
-9.4710

 220.3590, 0.3670,
-1.1450

 224.9600, -2.5230,
7.1810

 229.0620, -2.5700,
13.5420

 231.1550, 1.6020,
15.0260

Harmonies

Analogous

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



198.1570, 66.9000, -34.0280



192.0410, 16.8360, -51.8360



176.6190, -58.3090, -61.1330

Triad

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



192.0410, 16.8360, -51.8360



163.4930, -144.8300, -40.4620



186.3600, 44.4660, 42.1780

Complementary

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



192.0410, 16.8360, -51.8360



113.9590, -16.8360, 51.8360

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.



200.4090, 25.5750, 48.6390



192.0410, 16.8360, -51.8360



163.9680, -120.7620, -25.0980

Square

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



192.0410, 16.8360, -51.8360



168.1890, -147.0300, -44.6460



201.9060, -10.4580, 24.3420



183.7600, 62.8100, 18.0900

Rectangle

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



192.0410, 16.8360, -51.8360



159.1660, -123.0010, -67.1370



201.9060, -10.4580, 24.3420



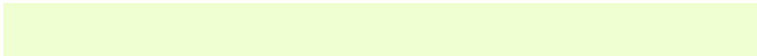
190.0420, 36.8540, 47.9740

Sweetspot

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



192.0410, 16.8360, -51.8360



245.2710, 5.8260, -17.4860



150.9050, 69.2310, 6.3430



121.7040, 3.3490, -11.1390



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.



192.0410, 16.8360, -51.8360



214.6170, 23.1210, -72.1350



172.3070, -22.5000, -65.8280



107.5500, 1.1470, -4.2690



136.2350, 21.5610, -65.8870



36.2710, 5.8260, -17.4860

Inverse Universe

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



113.9590, -16.8360, 51.8360



106.3830, -23.1210, 72.1350



133.6930, 22.5000, 65.8280



101.1510, -1.7430, 4.0570



36.7650, -21.5610, 65.8870



9.7290, -5.8260, 17.4860

Previews

White Background



This preview shows how the YIQ color 192.0410, 16.8360, -51.8360 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 192.0410, 16.8360, -51.8360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

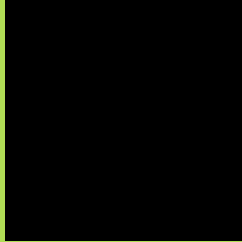
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.0410, 16.8360, -51.8360

Background



This preview shows how black text looks on a background with the YIQ color 192.0410, 16.8360, -51.8360.



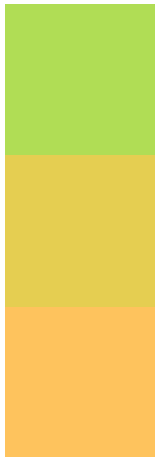
This preview shows how white text looks on a background with the YIQ color 192.0410, 16.8360, -51.8360.

-51.8360.

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

192.0410, 16.8360, -51.8360

Protanopia

198.6270, 53.8330, -33.9990

Deuteranopia

201.0130, 67.9060, -19.2140



Tritanopia

204.7520, -13.8010, 2.3190

Trichromacy



Original Color

192.0410, 16.8360, -51.8360

Protanomaly

195.9950, 40.8130, -40.3310

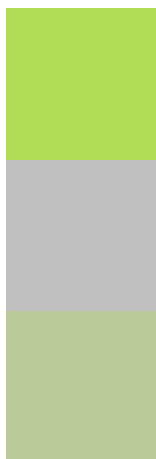
Deuteranomaly

197.5820, 49.7060, -30.7900

Tritanomaly

200.0790, -2.3810, -17.4290

Monochromacy



Original Color

192.0410, 16.8360, -51.8360

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

192.2170, 5.9180, -19.1540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.0410, 16.8360, -51.8360 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, 221, 85)` looks like.

```
.text, #text, p{  
    color:rgb(176, 221, 85)  
}
```

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, 221, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 221, 85) }
```

Border

The CSS property to change the border of an element to YIQ 192.0410, 16.8360, -51.8360 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, 221, 85) }
```


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

```
.border{ border-color:rgb(176, 221, 85) }
```

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

Here you see how a box with a 4 pixel rgb(176, 221, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 221, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 221, 85);  
box-shadow:4px 4px 4px 4px rgb(176, 221,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 192.0410, 16.8360, -51.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 221, 85) }
```

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

```
.background{ background-color: rgb(176,  
221, 85) }
```

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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