

Converting Colors

YIQ(196.6380, 2.5740, -35.6500)

Have a look what the booklet for
YIQ(196.6380, 2.5740, -35.6500)
contains.

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Color

**YIQ(196.6380, 2.5740,
-35.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DB85
RGB	177, 219, 133
RGB Percent	69%, 86%, 52%
CMY	0.3060, 0.1411, 0.4783
CMYK	0.19, 0.00, 0.39, 0.14
HSL	89°, 54%, 69%
HSV	89°, 39%, 86%
XYZ	47.6936, 61.7086, 31.5946
YIQ	196.6380, 2.5740, -35.6500

Conversions

Conversions Part 2

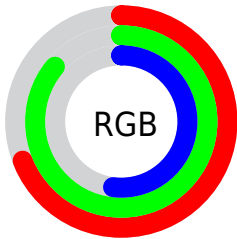
Format	Color
RYB	133, 219, 175
Decimal	11656069
CIELab	82.76, -28.36, 37.86
CIElCh	83, 47.307, 126.831
Yxy	61.7086, 0.3383, 0.4377
Android (android.graphics.Color)	4289846149 (0xFFB1DB85)
YUV	196.6380, -31.3735, -17.2225
Hunter-Lab	78.5548, -29.0969, 31.1420

Details

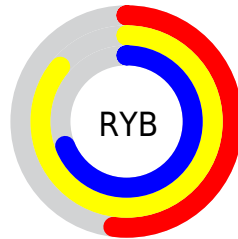
The YIQ color **196.6380, 2.5740, -35.6500** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **155.3620, -2.5740, 35.6500**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.9690, 9.3120, -25.6000**, and **142.3930, 1.8860, -34.1940** is the 20% darker color. If you saturate the color by 10%, you get **190.8410, 3.0800, -44.8240**, and if you desaturate by 10%, it is **202.4350, 2.0680, -26.4760**.

Distribution



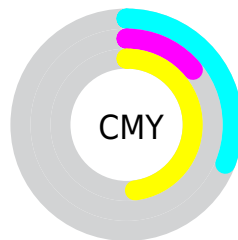
- Red (69%)
- Green (86%)
- Blue (52%)



- Red (52%)
- Yellow (86%)
- Blue (69%)



- Cyan (19%)
- Magenta (0%)
- Yellow (39%)
- Black (14%)



- Cyan (31%)
- Magenta (14%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.6380, 2.5740, -35.6500 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 196.6380, 2.5740, -35.6500 by changing the saturation by 10% instead.

■ 196.6380, 2.5740,
-35.6500

■ 196.6380, 2.5740,
-35.6500

255.0000, -0.0000,
-0.0000

■ 169.1650, 2.5280,
-34.8160

■ 240.9690, 9.3120,
-25.6000

■ 142.3930, 1.8860,
-34.1940

■ 250.4400, 12.8400,
-12.4400

■ 115.9200, 1.8400,
-33.3600

■ 253.7460, 3.5310,
-3.4210

■ 90.7350, 0.9230,
-33.2610

■ 65.3930, 1.8860,
-34.1940

■ 43.5590, -4.2130,
-28.2850

■ 24.0670, -11.2750,

-21.4430

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 196.6380, 2.5740,
-35.6500

■ 196.6380, 2.5740,
-35.6500

■ 190.8410, 3.0800,
-44.8240

■ 202.4350, 2.0680,
-26.4760

■ 185.3430, 4.1820,
-53.7860

■ 207.9330, 0.9660,
-17.5140

■ 179.5460, 4.6880,
-62.9600

■ 213.7300, 0.4600,
-8.3400

■ 173.7490, 5.1940,
-72.1340

■ 219.5270, -0.0460,
0.8340

■ 168.0660, 5.3790,
-80.9970

■ 225.3240, -0.5520,
10.0080

■ 162.5680, 6.4810,
-89.9590

■ 229.6820, 1.5560,
15.8600

■ 162.0410, 6.5270,
-90.7930

■ 232.9710, 8.1120,
18.1920

■ 233.8680, 9.9000,
18.8280

Harmonies

Analogous

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



202.0080, 39.9390, -24.4850



196.6380, 2.5740, -35.6500



188.8080, -44.8790, -40.1990

Triad

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



196.6380, 2.5740, -35.6500



177.3460, -104.2110, -22.1870



199.0800, 41.7180, 25.8940

Complementary

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



196.6380, 2.5740, -35.6500



155.3620, -2.5740, 35.6500

Split Complementary

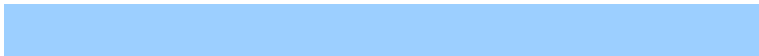
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



207.1450, 25.8980, 37.2740



196.6380, 2.5740, -35.6500



197.2230, -45.8040, 4.1160

Square

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



196.6380, 2.5740, -35.6500



162.9060, -144.5550, -39.9390



208.1630, -0.8760, 26.9000



197.8140, 53.5500, 9.6940

Rectangle

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



196.6380, 2.5740, -35.6500



179.0500, -83.6670, -42.0910



208.1630, -0.8760, 26.9000



200.9040, 36.5820, 30.8700

Sweetspot

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



196.6380, 2.5740, -35.6500



246.9810, 1.0110, -12.8210



183.3680, 39.7060, -3.7340



123.2570, 0.4140, -7.5060



0.0000, 0.0000, 0.0000



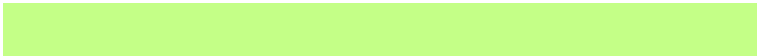
128.0000, -0.0000, -0.0000

Same Dimension

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



196.6380, 2.5740, -35.6500



223.6790, 3.3560, -49.8280



183.7810, -23.0540, -44.7660



106.9520, -0.0450, -4.6930



128.1620, 5.4690, -71.6110



33.8790, 1.0580, -19.1820

Inverse Universe

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



155.3620, -2.5740, 35.6500



166.3210, -3.3560, 49.8280



168.2190, 23.0540, 44.7660



101.7490, -0.5510, 4.4810



45.1370, -4.8730, 71.8230



11.8220, -1.6540, 18.9700

Previews

White Background



This preview shows how the YIQ color 196.6380, 2.5740, -35.6500 looks on a white background.

Color Contrast Check

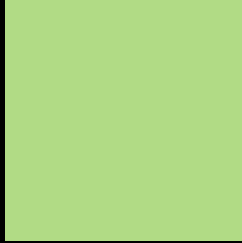
Large Text (above 18pt) WCAG AA × Fail

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 196.6380, 2.5740, -35.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

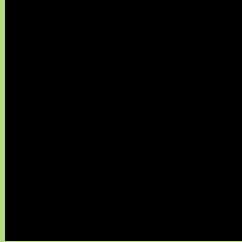
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.6380, 2.5740, -35.6500

Background



This preview shows how black text looks on a background with the YIQ color 196.6380, 2.5740, -35.6500.



This preview shows how white text looks on a background with the YIQ color 196.6380, 2.5740, -35.6500.

-35.6500.

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

196.6380, 2.5740, -35.6500

Protanopia

201.9030, 36.0410, -19.9190

Deuteranopia

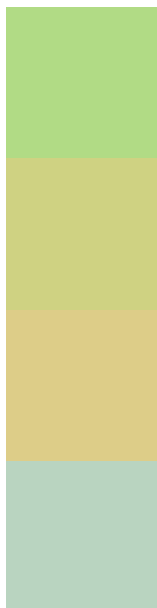
204.9250, 48.1430, -7.9610



Tritanopia

204.5560, -16.1850, 1.4710

Trichromacy



Original Color

196.6380, 2.5740, -35.6500

Protanomaly

199.9830, 23.8920, -25.5160

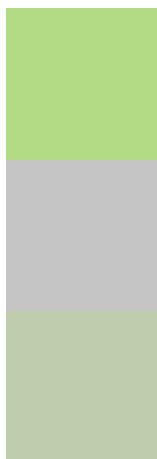
Deuteranomaly

201.9180, 31.6850, -18.0670

Tritanomaly

201.6470, -9.6720, -11.9440

Monochromacy



Original Color

196.6380, 2.5740, -35.6500

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9810, 1.0110, -12.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6380, 2.5740, -35.6500 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(177, 219, 133)` looks like.

```
.text, #text, p{  
    color:rgb(177, 219, 133)  
}
```

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(177, 219, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 219, 133) }
```

Border

The CSS property to change the border of an element to YIQ 196.6380, 2.5740, -35.6500 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(177, 219, 133) }
```


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

```
.border{ border-color:rgb(177, 219, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 219, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 219, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 219, 133); box-shadow:4px 4px 4px 4px rgb(177, 219, 133) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6380, 2.5740, -35.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 219, 133) }
```

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

```
.background{ background-color: rgb(177,  
219, 133) }
```

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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