

Converting Colors

YIQ(196.2330, 25.0430,
-51.8930)

Have a look what the booklet for
YIQ(196.2330, 25.0430, -51.8930)
contains.

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Color

**YIQ(196.2330, 25.0430,
-51.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDF50
RGB	188, 223, 80
RGB Percent	74%, 87%, 31%
CMY	0.2629, 0.1254, 0.6860
CMYK	0.16, 0.00, 0.64, 0.13
HSL	75°, 69%, 59%
HSV	75°, 64%, 87%
XYZ	48.5697, 64.0488, 17.4026
YIQ	196.2330, 25.0430, -51.8930

Conversions

Conversions Part 2

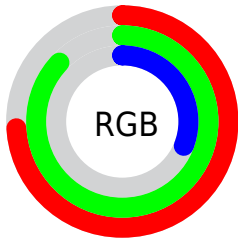
Format	Color
RYB	80, 223, 115
Decimal	12377936
CIELab	83.99, -31.26, 63.86
CIElCh	84, 71.099, 116.078
Yxy	64.0488, 0.3736, 0.4926
Android (android.graphics.Color)	4290568016 (0xFFBCDF50)
YUV	196.2330, -57.3029, -7.2203
Hunter-Lab	80.0305, -31.7235, 43.1288

Details

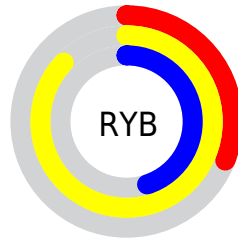
The YIQ color **196.2330, 25.0430, -51.8930** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **106.7670, -25.0430, 51.8930**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.9280, 33.7520, -39.0160**, and **139.3810, 27.3820, -55.7380** is the 20% darker color. If you saturate the color by 10%, you get **191.9310, 28.5290, -60.0070**, and if you desaturate by 10%, it is **200.2360, 20.9610, -43.9910**.

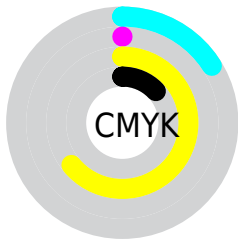
Distribution



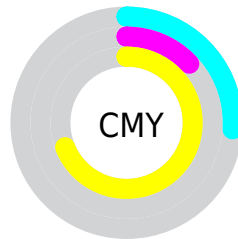
- Red (74%)
- Green (87%)
- Blue (31%)



- Red (31%)
- Yellow (87%)
- Blue (45%)



- Cyan (16%)
- Magenta (0%)
- Yellow (64%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.2330, 25.0430, -51.8930 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 196.2330, 25.0430, -51.8930 by changing the saturation by 10% instead.

■ 196.2330, 25.0430,
-51.8930

■ 196.2330, 25.0430,
-51.8930

■ 255.0000, -0.0000,
-0.0000

■ 167.8200, 24.7680,
-52.4160

■ 238.9280, 33.7520,
-39.0160

■ 139.4950, 27.0610,
-55.4270

■ 244.5120, 29.5320,
-28.6120

■ 113.8630, 23.2090,
-51.6950

■ 247.8180, 20.2230,
-19.5930

■ 90.8160, 13.3960,
-44.5560

■ 251.1240, 10.9140,
-10.5740

■ 68.0680, 4.1790,
-37.2050

■ 254.4300, 1.6050,
-1.5550

■ 44.7110, -7.6970,
-31.2250

■ 25.8280, -12.1000,

-23.0120

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 196.2330, 25.0430,
-51.8930

■ 196.2330, 25.0430,
-51.8930

■ 191.9310, 28.5290,
-60.0070

■ 200.2360, 20.9610,
-43.9910

■ 187.8140, 32.9320,
-68.2200

■ 204.6520, 17.1540,
-35.5660

■ 183.8110, 37.0140,
-76.1220

■ 208.6550, 13.0720,
-27.6640

■ 181.1330, 38.8030,
-81.0130

■ 212.9570, 9.5860,
-19.5500

■ 217.0740, 5.1830,
-11.3370

■ 221.3760, 1.6970,
-3.2230

■ 225.3790, -2.3850,
4.6790

■ 229.3390, -4.9080,
11.8600

■ 230.8340, -1.9280,
12.9200

Harmonies

Analogous

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



202.3320, 73.7770, -32.0070



196.2330, 25.0430, -51.8930



183.0670, -47.9470, -61.6990

Triad

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



196.2330, 25.0430, -51.8930



167.0150, -146.4800, -43.6000



188.9020, 40.0640, 44.8640

Complementary

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



196.2330, 25.0430, -51.8930



106.7670, -25.0430, 51.8930

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.



203.3440, 24.2000, 46.0240



196.2330, 25.0430, -51.8930



158.2100, -142.3550, -35.7550

Square

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



196.2330, 25.0430, -51.8930



171.1240, -148.4050, -47.2610



202.1390, -18.6640, 18.8720



184.1990, 60.1960, 21.4120

Rectangle

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



196.2330, 25.0430, -51.8930



160.8300, -122.1750, -71.0950



202.1390, -18.6640, 18.8720



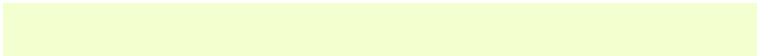
193.8720, 31.5810, 49.9250

Sweetspot

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



196.2330, 25.0430, -51.8930



245.9400, 8.2560, -17.4720



142.1280, 76.1530, 13.0570



122.1880, 4.8620, -11.0260



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.



196.2330, 25.0430, -51.8930



218.3040, 34.3080, -71.1320



175.3030, -16.6770, -66.7330



109.8490, 1.7430, -4.0570



143.0790, 30.8680, -63.8520



39.2390, 8.8520, -17.2600

Inverse Universe

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



106.7670, -25.0430, 51.8930



95.6960, -34.3080, 71.1320



127.6970, 16.6770, 66.7330



103.1510, -1.7430, 4.0570



32.9210, -30.8680, 63.8520



9.0600, -8.2560, 17.4720

Previews

White Background



This preview shows how the YIQ color 196.2330, 25.0430, -51.8930 looks on a white background.

Color Contrast Check

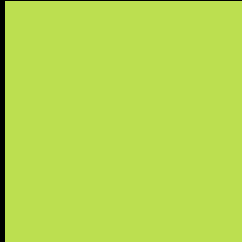
Large Text (above 18pt) WCAG AA × Fail

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 196.2330, 25.0430, -51.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

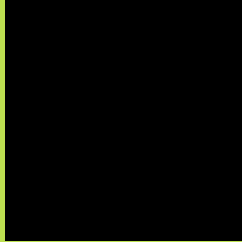
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.2330, 25.0430, -51.8930

Background



This preview shows how black text looks on a background with the YIQ color 196.2330, 25.0430, -51.8930.



This preview shows how white text looks on a background with the YIQ color 196.2330, 25.0430,

-51.8930.

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**

196.2330, 25.0430, -51.8930

Protanopia

201.0140, 56.9970, -36.2750

Deuteranopia

205.8430, 62.6330, -17.2630



Tritanopia

209.3290, -8.1160, 3.9160

Trichromacy



Original Color

196.2330, 25.0430, -51.8930

Protanomaly

199.2790, 45.7650, -41.9710

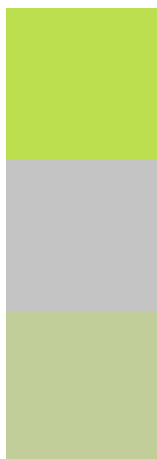
Deuteranomaly

202.2230, 49.3390, -29.6450

Tritanomaly

204.4280, 3.9460, -16.4540

Monochromacy



Original Color

196.2330, 25.0430, -51.8930

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.1850, 8.9440, -18.9280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.2330, 25.0430, -51.8930 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(188, 223, 80)` looks like.

```
.text, #text, p{  
    color:rgb(188, 223, 80)  
}
```

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(188, 223, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 223, 80) }
```

Border

The CSS property to change the border of an element to YIQ 196.2330, 25.0430, -51.8930 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(188, 223, 80) }
```


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

```
.border{ border-color:rgb(188, 223, 80) }
```

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

Here you see how a box with a 4 pixel rgb(188, 223, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 223, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 223, 80);  
box-shadow:4px 4px 4px 4px rgb(188, 223,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 196.2330, 25.0430, -51.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 223, 80) }
```

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

```
.background{ background-color: rgb(188,  
223, 80) }
```

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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