

Converting Colors

YIQ(190.4950, 45.3970,
-35.2990)

Have a look what the booklet for
YIQ(190.4950, 45.3970, -35.2990)
contains.

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Color

**YIQ(190.4950, 45.3970,
-35.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C950
RGB	212, 201, 80
RGB Percent	83%, 79%, 31%
CMY	0.1687, 0.2118, 0.6860
CMYK	0.00, 0.05, 0.62, 0.17
HSL	55°, 61%, 57%
HSV	55°, 62%, 83%
XYZ	49.4838, 56.3464, 15.8708
YIQ	190.4950, 45.3970, -35.2990

Conversions

Conversions Part 2

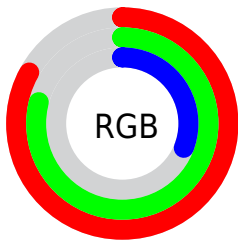
Format	Color
R _Y B	92, 212, 80
Decimal	13945168
CIE Lab	79.81, -10.74, 59.94
CIE LCh	80, 60.891, 100.162
Yxy	56.3464, 0.4066, 0.4630
Android (android.graphics.Color)	4292135248 (0xFFD4C950)
YUV	190.4950, -54.4740, 18.8599
Hunter-Lab	75.0642, -13.6917, 40.0093

Details

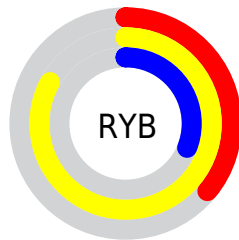
The YIQ color **190.4950, 45.3970, -35.2990** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **101.5050, -45.3970, 35.2990**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.2060, 38.8410, -37.6310**, and **134.7290, 44.6180, -37.7020** is the 20% darker color. If you saturate the color by 10%, you get **186.9270, 52.6880, -40.7840**, and if you desaturate by 10%, it is **194.0630, 38.1060, -29.8140**.

Distribution



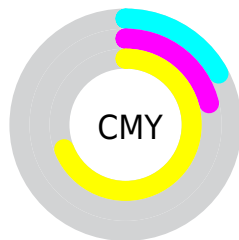
- Red (83%)
- Green (79%)
- Blue (31%)



- Red (36%)
- Yellow (83%)
- Blue (31%)



- Cyan (0%)
- Magenta (5%)
- Yellow (62%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.4950, 45.3970, -35.2990 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 190.4950, 45.3970, -35.2990 by changing the saturation by 10% instead.

190.4950, 45.3970,
-35.2990

190.4950, 45.3970,
-35.2990

255.0000, -0.0000,
-0.0000

162.8970, 44.2050,
-35.7230

241.2060, 38.8410,
-37.6310

134.7290, 44.6180,
-37.7020

244.3980, 29.8530,
-28.9230

109.2880, 41.5460,
-37.0940

247.5900, 20.8650,
-20.2150

86.5400, 32.3290,
-29.7430

250.7820, 11.8770,
-11.5070

65.2650, 23.1580,
-23.2260

254.2020, 2.2470,
-2.1770

43.6910, 13.3910,
-16.9210

24.1880, 4.8620,

-11.0260

■ 0.0000, 0.0000,
0.0000

■ 190.4950, 45.3970,
-35.2990

■ 190.4950, 45.3970,
-35.2990

■ 186.9270, 52.6880,
-40.7840

■ 194.0630, 38.1060,
-29.8140

■ 183.3590, 59.9790,
-46.2690

■ 197.6310, 30.8150,
-24.3290

■ 180.2640, 67.3160,
-52.5880

■ 200.7260, 23.4780,
-18.0100

■ 177.2660, 73.0020,
-56.5180

■ 204.2940, 16.1870,
-12.5250

■ 207.8620, 8.8960,
-7.0400

■ 211.4300, 1.6050,
-1.5550

■ 214.4110, -5.4110,
4.4530

■ 218.0930,
-13.0230, 10.2490

■ 219.8370,
-15.1780, 10.7580

Harmonies

Analogous

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



192.6380, 73.6360, -12.9240



190.4950, 45.3970, -35.2990



183.2530, -4.0720, -47.3680

Triad

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



190.4950, 45.3970, -35.2990



160.5580, -143.4550, -37.8470



194.3620, 32.9570, 47.0130

Complementary

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



190.4950, 45.3970, -35.2990



101.5050, -45.3970, 35.2990

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.



199.6680, 5.3120, 35.9040



190.4950, 45.3970, -35.2990



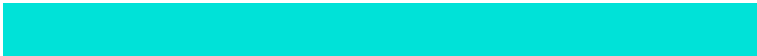
154.6880, -140.7050, -32.6170

Square

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



190.4950, 45.3970, -35.2990



157.2860, -131.4860, -51.0220



184.4760, -56.7620, 4.4700



184.3420, 52.9040, 32.4240

Rectangle

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



190.4950, 45.3970, -35.2990



174.5760, -47.5820, -51.7900



184.4760, -56.7620, 4.4700



199.8220, 25.8500, 49.1620

Sweetspot

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



190.4950, 45.3970, -35.2990



247.1800, 16.5080, -12.8360



120.7220, 75.1410, 31.4050



122.8190, 10.4550, -7.7610



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.



190.4950, 45.3970, -35.2990



223.8340, 65.7110, -51.0330



180.5070, 9.5920, -52.7120



105.1590, 3.8060, -2.8980



143.2880, 58.7410, -45.8590



36.3370, 14.6280, -11.8040

Inverse Universe

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



101.5050, -45.3970, 35.2990



95.1660, -65.7110, 51.0330



111.4930, -9.5920, 52.7120



97.8410, -3.8060, 2.8980



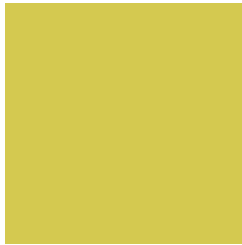
27.7120, -58.7410, 45.8590



7.2500, -14.9030, 11.2810

Previews

White Background



This preview shows how the YIQ color 190.4950, 45.3970, -35.2990 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 190.4950, 45.3970, -35.2990 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 190.4950, 45.3970, -35.2990

Background



This preview shows how black text looks on a background with the YIQ color 190.4950, 45.3970, -35.2990.



This preview shows how white text looks on a background with the YIQ color 190.4950, 45.3970,

-35.2990.

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

190.4950, 45.3970, -35.2990

Protanopia

191.0120, 51.3110, -32.3450

Deuteranopia

193.1870, 67.3560, -20.2600



Tritanopia

200.1750, 16.0450, 12.0850

Trichromacy



Original Color

190.4950, 45.3970, -35.2990

Protanomaly

190.7020, 49.2480, -33.5040

Deuteranomaly

192.4200, 59.1500, -25.7300

Tritanomaly

196.7840, 26.7310, -5.3730

Monochromacy



Original Color

190.4950, 45.3970, -35.2990

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.1800, 16.5080, -12.8360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.4950, 45.3970, -35.2990 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(212, 201, 80)` looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 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(212, 201, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 80) }
```

Border

The CSS property to change the border of an element to YIQ 190.4950, 45.3970, -35.2990 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(212, 201, 80) }
```


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

```
.border{ border-color:rgb(212, 201, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 201, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 80);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 190.4950, 45.3970, -35.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 80) }
```

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

```
.background{ background-color: rgb(212,  
201, 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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