

Converting Colors

YIQ(199.2580, 50.2580,
-40.7980)

Have a look what the booklet for
YIQ(199.2580, 50.2580, -40.7980)
contains.

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Color

**YIQ(199.2580, 50.2580,
-40.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	DED44A
RGB	222, 212, 74
RGB Percent	87%, 83%, 29%
CMY	0.1295, 0.1686, 0.7095
CMYK	0.00, 0.04, 0.67, 0.13
HSL	56°, 69%, 58%
HSV	56°, 67%, 87%
XYZ	54.9004, 63.1072, 15.7797
YIQ	199.2580, 50.2580, -40.7980

Conversions

Conversions Part 2

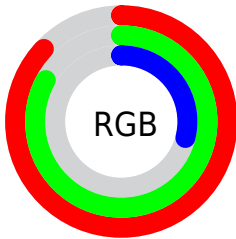
Format	Color
R_{YB}	85, 222, 74
Decimal	14603338
CIE _{Lab}	83.50, -12.47, 66.50
CIE _{LCh}	83, 67.655, 100.621
Yxy	63.1072, 0.4104, 0.4717
Android (android.graphics.Color)	4292793418 (0xFFDED44A)
YUV	199.2580, -61.7522, 19.9447
Hunter-Lab	79.4401, -15.6603, 43.8309

Details

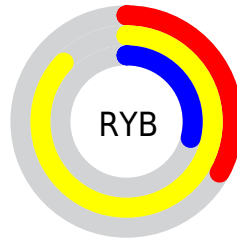
The YIQ color $199.2580, 50.2580, -40.7980$ is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be $96.7420, -50.2580, 40.7980$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.6360, 40.4460, -39.1860$, and $141.4830, 53.6980, -48.0780$ is the 20% darker color. If you saturate the color by 10%, you get $196.1630, 57.5950, -47.1170$, and if you desaturate by 10%, it is $202.3530, 42.9210, -34.4790$.

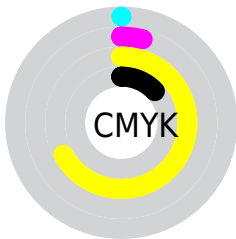
Distribution



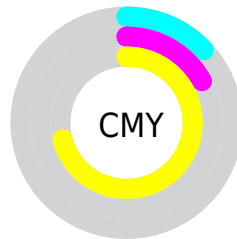
- Red (87%)
- Green (83%)
- Blue (29%)



- Red (33%)
- Yellow (87%)
- Blue (29%)



- Cyan (0%)
- Magenta (4%)
- Yellow (67%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.2580, 50.2580, -40.7980 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 199.2580, 50.2580, -40.7980 by changing the saturation by 10% instead.

■ 199.2580, 50.2580,
-40.7980

■ 199.2580, 50.2580,
-40.7980

■ 255.0000, -0.0000,
-0.0000

■ 170.5460, 49.3870,
-41.5330

■ 240.7500, 40.1250,
-38.8750

■ 141.4830, 53.6980,
-48.0780

■ 243.8280, 31.4580,
-30.4780

■ 117.8490, 44.1600,
-40.4160

■ 247.1340, 22.1490,
-21.4590

■ 94.8020, 34.3470,
-33.2770

■ 250.4400, 12.8400,
-12.4400

■ 72.6410, 24.8550,
-26.4490

■ 253.7460, 3.5310,
-3.4210

■ 51.0670, 15.0880,
-20.1440

■ 30.6780, 6.2380,

-13.9380

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 199.2580, 50.2580,
-40.7980

■ 199.2580, 50.2580,
-40.7980

■ 196.1630, 57.5950,
-47.1170

■ 202.3530, 42.9210,
-34.4790

■ 192.4810, 65.2070,
-52.9130

■ 206.0350, 35.3090,
-28.6830

■ 189.2720, 72.8650,
-59.5430

■ 209.2440, 27.6510,
-22.0530

■ 187.8870, 75.3870,
-61.1970

■ 212.9260, 20.0390,
-16.2570

■ 216.0210, 12.7020,
-9.9380

■ 219.7030, 5.0900,
-4.1420

■ 222.7980, -2.2470,
2.1770

■ 226.5940,
-10.1800, 8.2840

■ 227.5230,
-11.4180, 8.6940

Harmonies

Analogous

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



197.4650, 72.4450, -18.8750



199.2580, 50.2580, -40.7980



191.6670, -5.5380, -53.8420

Triad

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



199.2580, 50.2580, -40.7980



168.1890, -147.0300, -44.6460



197.7190, 27.6380, 49.7980

Complementary

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



199.2580, 50.2580, -40.7980



96.7420, -50.2580, 40.7980

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.



208.2620, 12.3270, 35.4230



199.2580, 50.2580, -40.7980



161.7320, -144.0050, -38.8930

Square

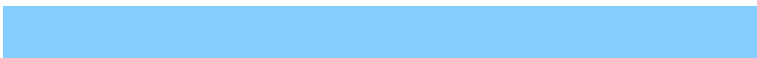
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.2580, 50.2580, -40.7980



167.1000, -139.8300, -53.9900



190.3460, -59.5120, -0.7600



186.3140, 50.1070, 33.5550

Rectangle

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



199.2580, 50.2580, -40.7980



179.9720, -57.8050, -59.2530



190.3460, -59.5120, -0.7600



202.1700, 24.7500, 47.0700

Sweetspot

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



199.2580, 50.2580, -40.7980



247.4250, 17.1960, -14.2920



119.6200, 84.3560, 35.1080



122.7050, 10.7760, -8.0720



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.



199.2580, 50.2580, -40.7980



223.5260, 69.3340, -56.1220



186.5900, 10.5560, -59.1720



110.1590, 3.8060, -2.8980



148.8920, 59.7960, -48.4600



40.7670, 16.2330, -13.3590

Inverse Universe

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



96.7420, -50.2580, 40.7980



82.4740, -69.3340, 56.1220



109.4100, -10.5560, 59.1720



102.8410, -3.8060, 2.8980



27.1080, -59.7960, 48.4600



7.2330, -16.2330, 13.3590

Previews

White Background



This preview shows how the YIQ color 199.2580, 50.2580, -40.7980 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 199.2580, 50.2580, -40.7980 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 199.2580, 50.2580, -40.7980

Background



This preview shows how black text looks on a background with the YIQ color 199.2580, 50.2580, -40.7980.



This preview shows how white text looks on a background with the YIQ color 199.2580, 50.2580, -40.7980.

-40.7980.

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

199.2580, 50.2580, -40.7980

Protanopia

200.0850, 58.2350, -36.6850

Deuteranopia

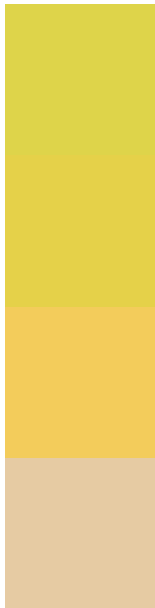
204.4580, 65.1550, -18.9170



Tritanopia

210.5880, 16.3200, 12.6080

Trichromacy



Original Color

199.2580, 50.2580, -40.7980

Protanomaly

199.4760, 55.5760, -38.0560

Deuteranomaly

202.7790, 59.5170, -26.8750

Tritanomaly

206.5130, 28.9320, -6.7160

Monochromacy



Original Color

199.2580, 50.2580, -40.7980

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1970, 17.8380, -14.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.2580, 50.2580, -40.7980 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(222, 212, 74)` looks like.

```
.text, #text, p{  
    color:rgb(222, 212, 74)  
}
```

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(222, 212, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 212, 74) }
```

Border

The CSS property to change the border of an element to YIQ 199.2580, 50.2580, -40.7980 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(222, 212, 74) }
```


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

```
.border{ border-color:rgb(222, 212, 74) }
```

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

Here you see how a box with a 4 pixel rgb(222, 212, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 212, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 212, 74);  
box-shadow:4px 4px 4px 4px rgb(222, 212,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 199.2580, 50.2580, -40.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 212, 74) }
```

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

```
.background{ background-color: rgb(222,  
212, 74) }
```

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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