

Converting Colors

YIQ(195.0200, 30.4970,
-40.5990)

Have a look what the booklet for
YIQ(195.0200, 30.4970, -40.5990)
contains.

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Color

**YIQ(195.0200, 30.4970,
-40.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D55C
RGB	199, 213, 92
RGB Percent	78%, 84%, 36%
CMY	0.2197, 0.1647, 0.6390
CMYK	0.07, 0.00, 0.57, 0.16
HSL	67°, 59%, 60%
HSV	67°, 57%, 84%
XYZ	49.2756, 60.5033, 19.2190
YIQ	195.0200, 30.4970, -40.5990

Conversions

Conversions Part 2

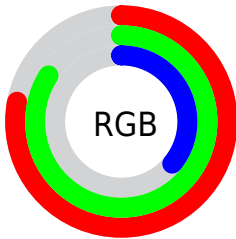
Format	Color
R_{YB}	92, 213, 106
Decimal	13096284
CIE _{Lab}	82.11, -21.22, 56.97
CIE _{LCh}	82, 60.792, 110.433
Yxy	60.5033, 0.3820, 0.4690
Android (android.graphics.Color)	4291286364 (0xFFC7D55C)
YUV	195.0200, -50.7889, 3.4905
Hunter-Lab	77.7839, -23.0430, 39.7992

Details

The YIQ color **195.0200, 30.4970, -40.5990** 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 **109.9800, -30.4970, 40.5990**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.5740, 34.9890, -33.8990**, and **139.4220, 29.3050, -41.0230** is the 20% darker color. If you saturate the color by 10%, you get **191.7290, 35.4500, -47.7660**, and if you desaturate by 10%, it is **198.0120, 24.9480, -33.6440**.

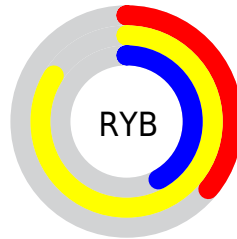
Distribution



Red (78%)

Green (84%)

Blue (36%)



Red (36%)

Yellow (84%)

Blue (42%)

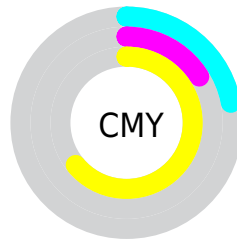


Cyan (7%)

Magenta (0%)

Yellow (57%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.0200, 30.4970, -40.5990 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 195.0200, 30.4970, -40.5990 by changing the saturation by 10% instead.

■ 195.0200, 30.4970,
-40.5990

■ 195.0200, 30.4970,
-40.5990

■ 255.0000, -0.0000,
-0.0000

■ 166.8350, 29.5800,
-40.5000

■ 242.5740, 34.9890,
-33.8990

■ 139.4220, 29.3050,
-41.0230

■ 245.7660, 26.0010,
-25.1910

■ 111.8690, 32.2400,
-44.6560

■ 248.9580, 17.0130,
-16.4830

■ 89.1210, 23.0230,
-37.3050

■ 252.2640, 7.7040,
-7.4640

■ 67.5580, 14.7230,
-30.0530

■ 45.9840, 4.9560,
-23.7480

■ 24.9970, -5.0860,

-17.9660

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 195.0200, 30.4970,
-40.5990

■ 195.0200, 30.4970,
-40.5990

■ 191.7290, 35.4500,
-47.7660

■ 198.0120, 24.9480,
-33.6440

■ 188.6230, 41.3200,
-55.0320

■ 201.4170, 19.6740,
-26.1660

■ 185.6310, 46.8690,
-61.9870

■ 204.4090, 14.1250,
-19.2110

■ 182.3400, 51.8220,
-69.1540

■ 207.7000, 9.1720,
-12.0440

■ 181.2430, 53.4730,
-71.5430

■ 210.8060, 3.3020,
-4.7780

■ 214.0970, -1.6510,
2.3890

■ 217.0890, -7.2000,
9.3440

■ 219.5820, -9.9060,
14.3340

■ 220.1800, -8.7140,
14.7580

Harmonies

Analogous

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



200.1440, 68.9150, -20.9810



195.0200, 30.4970, -40.5990



186.2490, -24.6120, -49.5720

Triad

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



195.0200, 30.4970, -40.5990



162.9060, -144.5550, -39.9390



194.0540, 36.5800, 41.9240

Complementary

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



195.0200, 30.4970, -40.5990



109.9800, -30.4970, 40.5990

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.



207.4530, 22.2750, 42.3630



195.0200, 30.4970, -40.5990



155.8620, -141.2550, -33.6630

Square

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



195.0200, 30.4970, -40.5990



164.3590, -141.7570, -46.5970



197.3440, -29.6670, 14.5330



187.5560, 54.8770, 24.1970

Rectangle

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



195.0200, 30.4970, -40.5990



172.8420, -77.7500, -55.7180



197.3440, -29.6670, 14.5330



198.5680, 29.3810, 45.7410

Sweetspot

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



195.0200, 30.4970, -40.5990



248.6030, 10.8230, -14.4330



135.2230, 68.8160, 19.3760



124.1390, 6.5580, -8.7220



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.



195.0200, 30.4970, -40.5990



229.2980, 43.6130, -58.0430



177.3790, -4.6670, -53.1070



105.4470, 2.9350, -3.6330



145.5260, 42.9710, -57.4210



36.6030, 10.8230, -14.4330

Inverse Universe

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



109.9800, -30.4970, 40.5990



107.7020, -43.6130, 58.0430



127.6210, 4.6670, 53.1070



97.8520, -2.3390, 3.8450



25.4740, -42.9710, 57.4210



6.3970, -10.8230, 14.4330

Previews

White Background



This preview shows how the YIQ color 195.0200, 30.4970, -40.5990 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 195.0200, 30.4970, -40.5990 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 195.0200, 30.4970, -40.5990

Background



This preview shows how black text looks on a background with the YIQ color 195.0200, 30.4970, -40.5990.



This preview shows how white text looks on a background with the YIQ color 195.0200, 30.4970,

-40.5990.

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

195.0200, 30.4970, -40.5990

Protanopia

197.7670, 50.6230, -30.8890

Deuteranopia

200.2840, 65.7050, -17.8710



Tritanopia

205.4120, 2.0160, 7.5200

Trichromacy



Original Color

195.0200, 30.4970, -40.5990

Protanomaly

196.6520, 43.5170, -34.2670

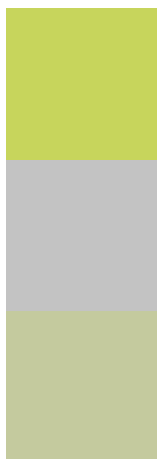
Deuteranomaly

198.4840, 53.0980, -26.1820

Tritanomaly

201.7220, 12.1060, -10.1500

Monochromacy



Original Color

195.0200, 30.4970, -40.5990

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.1900, 10.5480, -14.9560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.0200, 30.4970, -40.5990 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(199, 213, 92)` looks like.

```
.text, #text, p{  
    color:rgb(199, 213, 92)  
}
```

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(199, 213, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 213, 92) }
```

Border

The CSS property to change the border of an element to YIQ 195.0200, 30.4970, -40.5990 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(199, 213, 92) }
```


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

```
.border{ border-color:rgb(199, 213, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 213, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 213, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 213, 92);  
box-shadow:4px 4px 4px 4px rgb(199, 213,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 195.0200, 30.4970, -40.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 213, 92) }
```

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

```
.background{ background-color: rgb(199,  
213, 92) }
```

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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