

Converting Colors

YIQ(195.2050, 31.4140,
-40.6980)

Have a look what the booklet for
YIQ(195.2050, 31.4140, -40.6980)
contains.

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Color

**YIQ(195.2050, 31.4140,
-40.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D55B
RGB	200, 213, 91
RGB Percent	78%, 84%, 36%
CMY	0.2158, 0.1647, 0.6429
CMYK	0.06, 0.00, 0.57, 0.16
HSL	66°, 59%, 60%
HSV	66°, 57%, 84%
XYZ	49.4984, 60.6230, 19.0027
YIQ	195.2050, 31.4140, -40.6980

Conversions

Conversions Part 2

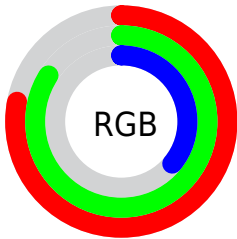
Format	Color
RYB	91, 213, 104
Decimal	13161819
CIELab	82.18, -20.90, 57.50
CIELCh	82, 61.181, 109.973
Yxy	60.6230, 0.3833, 0.4695
Android (android.graphics.Color)	4291351899 (0xFFC8D55B)
YUV	195.2050, -51.3731, 4.2052
Hunter-Lab	77.8608, -22.7785, 40.0322

Details

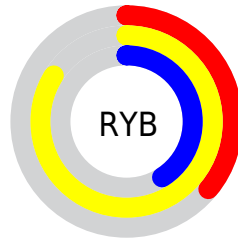
The YIQ color **195.2050, 31.4140, -40.6980** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **108.7950, -31.4140, 40.6980**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.4600, 35.3100, -34.2100**, and **139.6070, 30.2220, -41.1220** is the 20% darker color. If you saturate the color by 10%, you get **192.2130, 36.9630, -47.6530**, and if you desaturate by 10%, it is **198.1970, 25.8650, -33.7430**.

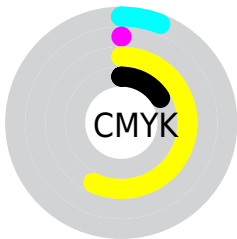
Distribution



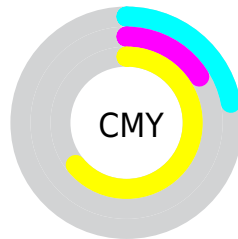
- Red (78%)
- Green (84%)
- Blue (36%)



- Red (36%)
- Yellow (84%)
- Blue (41%)



- Cyan (6%)
- Magenta (0%)
- Yellow (57%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.2050, 31.4140, -40.6980 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 195.2050, 31.4140, -40.6980 by changing the saturation by 10% instead.

■ 195.2050, 31.4140,
-40.6980

■ 195.2050, 31.4140,
-40.6980

■ 255.0000, -0.0000,
-0.0000

■ 167.0200, 30.4970,
-40.5990

■ 242.4600, 35.3100,
-34.2100

■ 139.6070, 30.2220,
-41.1220

■ 245.6520, 26.3220,
-25.5020

■ 112.1680, 32.8360,
-44.4440

■ 248.8440, 17.3340,
-16.7940

■ 89.4200, 23.6190,
-37.0930

■ 252.1500, 8.0250,
-7.7750

■ 67.5580, 14.7230,
-30.0530

■ 46.2830, 5.5520,
-23.5360

■ 25.2960, -4.4900,

-17.7540

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 195.2050, 31.4140,
-40.6980

■ 195.2050, 31.4140,
-40.6980

■ 192.2130, 36.9630,
-47.6530

■ 198.1970, 25.8650,
-33.7430

■ 188.8080, 42.2370,
-55.1310

■ 201.6020, 20.5910,
-26.2650

■ 185.8160, 47.7860,
-62.0860

■ 204.5940, 15.0420,
-19.3100

■ 182.8240, 53.3350,
-69.0410

■ 207.5860, 9.4930,
-12.3550

■ 181.8410, 54.6650,
-71.1190

■ 210.6920, 3.6230,
-5.0890

■ 213.9830, -1.3300,
2.0780

■ 216.9750, -6.8790,
9.0330

■ 219.2830,
-10.5020, 14.1220

■ 219.8810, -9.3100,
14.5460

Harmonies

Analogous

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



200.4430, 69.5110, -20.7690



195.2050, 31.4140, -40.6980



186.7220, -24.5660, -50.4060

Triad

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



195.2050, 31.4140, -40.6980



162.9060, -144.5550, -39.9390



194.1680, 36.2590, 42.2350

Complementary

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



195.2050, 31.4140, -40.6980



108.7950, -31.4140, 40.6980

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



195.2050, 31.4140, -40.6980



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.



195.2050, 31.4140, -40.6980



164.3590, -141.7570, -46.5970



197.3330, -31.1340, 13.5860



187.5560, 54.8770, 24.1970

Rectangle

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



195.2050, 31.4140, -40.6980



173.3150, -77.7040, -56.5520



197.3330, -31.1340, 13.5860



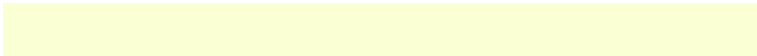
198.6820, 29.0600, 46.0520

Sweetspot

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



195.2050, 31.4140, -40.6980



248.6030, 10.8230, -14.4330



134.5220, 69.4120, 19.5880



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.



195.2050, 31.4140, -40.6980



229.2550, 45.1720, -58.7640



177.2650, -4.3460, -53.4180



105.4470, 2.9350, -3.6330



146.1240, 44.1630, -56.9970



36.9020, 11.4190, -14.2210

Inverse Universe

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



108.7950, -31.4140, 40.6980



104.7450, -45.1720, 58.7640



126.7350, 4.3460, 53.4180



97.8520, -2.3390, 3.8450



24.8760, -44.1630, 56.9970



6.3970, -10.8230, 14.4330

Previews

White Background



This preview shows how the YIQ color 195.2050, 31.4140, -40.6980 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 195.2050, 31.4140, -40.6980 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 195.2050, 31.4140, -40.6980

Background



This preview shows how black text looks on a background with the YIQ color 195.2050, 31.4140, -40.6980.



This preview shows how white text looks on a background with the YIQ color 195.2050, 31.4140,

-40.6980.

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
195.2050, 31.4140, -40.6980
Protanopia
197.6530, 50.9440, -31.2000
Deuteranopia
200.1700, 66.0260, -18.1820



Tritanopia

205.7110, 2.6120, 7.7320

Trichromacy



Original Color

195.2050, 31.4140, -40.6980

Protanomaly

196.5380, 43.8380, -34.5780

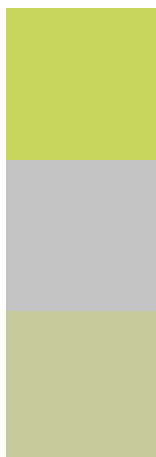
Deuteranomaly

198.3700, 53.4190, -26.4930

Tritanomaly

202.0210, 12.7020, -9.9380

Monochromacy



Original Color

195.2050, 31.4140, -40.6980

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.3750, 11.4650, -15.0550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.2050, 31.4140, -40.6980 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(200, 213, 91)` looks like.

```
.text, #text, p{  
    color:rgb(200, 213, 91)  
}
```

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(200, 213, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 213, 91) }
```

Border

The CSS property to change the border of an element to YIQ 195.2050, 31.4140, -40.6980 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(200, 213, 91) }
```


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

```
.border{ border-color:rgb(200, 213, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 213, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 213, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 213, 91);  
box-shadow:4px 4px 4px 4px rgb(200, 213,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 195.2050, 31.4140, -40.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 213, 91) }
```

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

```
.background{ background-color: rgb(200,  
213, 91) }
```

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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