

Converting Colors

YIQ(201.0950, 25.9120,
-40.1040)

Have a look what the booklet for
YIQ(201.0950, 25.9120, -40.1040)
contains.

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Color

**YIQ(201.0950, 25.9120,
-40.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DC68
RGB	201, 220, 104
RGB Percent	79%, 86%, 41%
CMY	0.2119, 0.1372, 0.5920
CMYK	0.09, 0.00, 0.53, 0.14
HSL	70°, 62%, 64%
HSV	70°, 53%, 86%
XYZ	52.1757, 64.6043, 22.8297
YIQ	201.0950, 25.9120, -40.1040

Conversions

Conversions Part 2

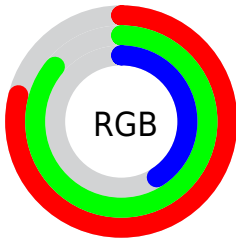
Format	Color
RYB	104, 220, 123
Decimal	13229160
CIELab	84.28, -22.84, 54.08
CIELCh	84, 58.704, 112.896
Yxy	64.6043, 0.3737, 0.4627
Android (android.graphics.Color)	4291419240 (0xFFC9DC68)
YUV	201.0950, -47.8678, -0.0833
Hunter-Lab	80.3768, -24.7879, 39.4234

Details

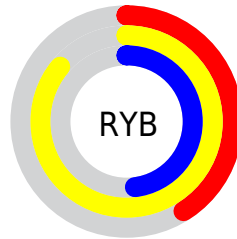
The YIQ color **201.0950, 25.9120, -40.1040** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **122.9050, -25.9120, 40.1040**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9420, 31.1370, -30.1670**, and **146.0240, 24.6740, -39.6940** is the 20% darker color. If you saturate the color by 10%, you get **197.3910, 30.5900, -47.7940**, and if you desaturate by 10%, it is **204.7990, 21.2340, -32.4140**.

Distribution



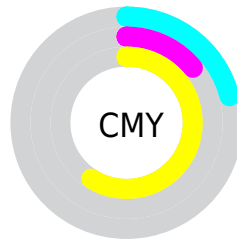
- Red (79%)
- Green (86%)
- Blue (41%)



- Red (41%)
- Yellow (86%)
- Blue (48%)



- Cyan (9%)
- Magenta (0%)
- Yellow (53%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.0950, 25.9120, -40.1040 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 201.0950, 25.9120, -40.1040 by changing the saturation by 10% instead.

201.0950, 25.9120,
-40.1040

201.0950, 25.9120,
-40.1040

255.0000, -0.0000,
-0.0000

173.3230, 25.2700,
-39.4820

243.9420, 31.1370,
-30.1670

146.0240, 24.6740,
-39.6940

247.1340, 22.1490,
-21.4590

118.9700, 24.7660,
-41.3620

250.3260, 13.1610,
-12.7510

93.5400, 23.1610,
-39.8070

253.6320, 3.8520,
-3.7320

71.6780, 14.2650,
-32.7670

49.8160, 5.3690,
-25.7270

28.5300, -5.2690,

-20.1570

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 201.0950, 25.9120,
-40.1040

■ 201.0950, 25.9120,
-40.1040

■ 197.3910, 30.5900,
-47.7940

■ 204.7990, 21.2340,
-32.4140

■ 193.9860, 35.8640,
-55.2720


■ 208.2040, 15.9600,
-24.9360


■ 190.2820, 40.5420,
-62.9620

■ 211.9080, 11.2820,
-17.2460

■ 186.8770, 45.8160,
-70.4400


■ 215.3130, 6.0080,
-9.7680

 184.1560, 49.1640,
-76.0520

 219.0170, 1.3300,
-2.0780

 222.7210, -3.3480,
5.6120

 225.7840, -7.6590,
12.1570

 226.9800, -5.2750,
13.0050

 227.8770, -3.4870,
13.6410

Harmonies

Analogous

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



206.5780, 64.6970, -21.6310



201.0950, 25.9120, -40.1040



192.6230, -28.6010, -48.8650

Triad

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



201.0950, 25.9120, -40.1040



165.8410, -145.9300, -42.5540



198.8640, 34.0590, 38.0510

Complementary

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



201.0950, 25.9120, -40.1040



122.9050, -25.9120, 40.1040

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.



210.3880, 20.9000, 39.7480



201.0950, 25.9120, -40.1040



178.8410, -101.2310, -21.1270

Square

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



201.0950, 25.9120, -40.1040



168.4340, -146.3420, -46.1020



204.7640, -22.1020, 15.0980



193.0670, 51.7600, 20.1120

Rectangle

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



201.0950, 25.9120, -40.1040



179.8250, -79.0800, -53.6400



204.7640, -22.1020, 15.0980



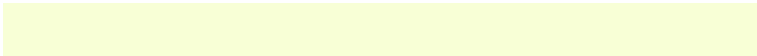
202.6770, 27.4560, 42.0800

Sweetspot

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



201.0950, 25.9120, -40.1040



248.2330, 8.9890, -14.2350



148.6630, 64.4610, 15.7010



123.9540, 5.6410, -8.6230



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.



201.0950, 25.9120, -40.1040



228.8720, 36.1850, -55.5830



184.3510, -7.4640, -51.9760



108.1480, 2.3390, -3.8450



144.9060, 38.8450, -59.7390



38.3640, 9.9980, -16.0020

Inverse Universe

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



122.9050, -25.9120, 40.1040



120.4270, -35.5890, 55.7950



139.6490, 7.4640, 51.9760



100.5530, -2.9350, 3.6330



28.0940, -38.8450, 59.7390



7.6360, -9.9980, 16.0020

Previews

White Background



This preview shows how the YIQ color 201.0950, 25.9120, -40.1040 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 201.0950, 25.9120, -40.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

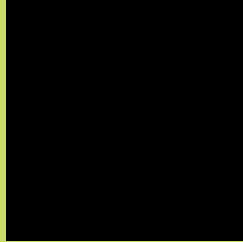
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.0950, 25.9120, -40.1040

Background



This preview shows how black text looks on a background with the YIQ color 201.0950, 25.9120, -40.1040.



This preview shows how white text looks on a background with the YIQ color 201.0950, 25.9120,

-40.1040.

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

201.0950, 25.9120, -40.1040

Protanopia

204.1520, 48.1010, -29.2350

Deuteranopia

207.6840, 58.8270, -14.3650



Tritanopia

210.9170, -0.9640, 6.4600

Trichromacy



Original Color

201.0950, 25.9120, -40.1040

Protanomaly

203.3250, 40.1240, -33.3480

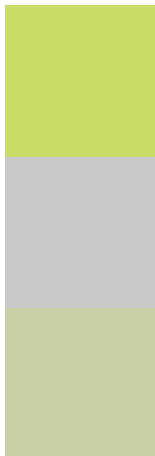
Deuteranomaly

205.2430, 46.5870, -23.8210

Tritanomaly

207.4550, 8.4840, -10.5880

Monochromacy



Original Color

201.0950, 25.9120, -40.1040

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1190, 9.3100, -14.5460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.0950, 25.9120, -40.1040 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(201, 220, 104)` looks like.

```
.text, #text, p{  
    color:rgb(201, 220, 104)  
}
```

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(201, 220, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 220, 104) }
```

Border

The CSS property to change the border of an element to YIQ 201.0950, 25.9120, -40.1040 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(201, 220, 104) }
```


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

```
.border{ border-color:rgb(201, 220, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 220, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 220, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 220, 104);  
box-shadow:4px 4px 4px 4px rgb(201, 220,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 201.0950, 25.9120, -40.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 220, 104) }
```

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

```
.background{ background-color: rgb(201,  
220, 104) }
```

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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