

Converting Colors

YIQ(199.7400, 19.7220,
-38.0540)

Have a look what the booklet for
YIQ(199.7400, 19.7220, -38.0540)
contains.

YIQ(199.7400, 19.7220, -38.0540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.7400, 19.7220,
-38.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DB71
RGB	195, 219, 113
RGB Percent	76%, 86%, 44%
CMY	0.2354, 0.1411, 0.5567
CMYK	0.11, 0.00, 0.48, 0.14
HSL	74°, 60%, 65%
HSV	74°, 48%, 86%
XYZ	50.8146, 63.4592, 25.2055
YIQ	199.7400, 19.7220, -38.0540

Conversions

Conversions Part 2

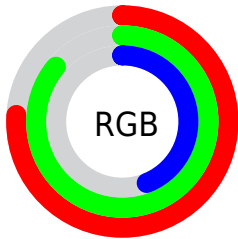
Format	Color
RYB	113, 219, 137
Decimal	12835697
CIELab	83.68, -23.86, 49.07
CIELCh	84, 54.560, 115.936
Yxy	63.4592, 0.3643, 0.4550
Android (android.graphics.Color)	4291025777 (0xFFC3DB71)
YUV	199.7400, -42.7628, -4.1570
Hunter-Lab	79.6613, -25.5452, 37.0031

Details

The YIQ color $199.7400, 19.7220, -38.0540$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $132.2600, -19.7220, 38.0540$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.3700, 27.0560, -27.7920$, and $144.7830, 18.1630, -37.3330$ is the 20% darker color. If you saturate the color by 10%, you get $195.7370, 23.8040, -45.9560$, and if you desaturate by 10%, it is $203.7430, 15.6400, -30.1520$.

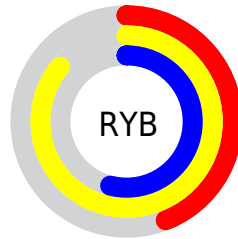
Distribution



Red (76%)

Green (86%)

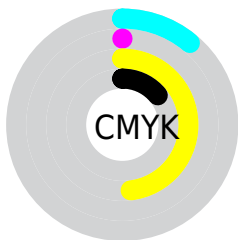
Blue (44%)



Red (44%)

Yellow (86%)

Blue (54%)

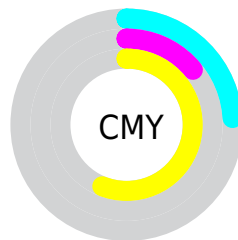


Cyan (11%)

Magenta (0%)

Yellow (48%)

Black (14%)



Cyan (24%)

Magenta (14%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.7400, 19.7220, -38.0540 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 199.7400, 19.7220, -38.0540 by changing the saturation by 10% instead.


 199.7400, 19.7220,
-38.0540


 199.7400, 19.7220,
-38.0540


255.0000, -0.0000,
-0.0000


 171.9680, 19.0800,
-37.4320


 244.3700, 27.0560,
-27.7920

 144.7830, 18.1630,
-37.3330


 248.1600, 19.2600,
-18.6600


 118.3700, 17.8880,
-37.8560

 251.3520, 10.2720,
-9.9520

 91.4580, 20.4560,
-40.3440

254.6580, 0.9630,
-0.9330

 69.5960, 11.5600,
-33.3040

 48.0330, 3.2600,
-26.0520

 26.7470, -7.3780,

-20.4820

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 199.7400, 19.7220,
-38.0540

■ 199.7400, 19.7220,
-38.0540

■ 195.7370, 23.8040,
-45.9560

■ 203.7430, 15.6400,
-30.1520

■ 191.7340, 27.8860,
-53.8580

■ 207.7460, 11.5580,
-22.2500

■ 187.7310, 31.9680,
-61.7600

■ 211.7490, 7.4760,
-14.3480

■ 183.7280, 36.0500,
-69.6620

■ 215.7520, 3.3940,
-6.4460

■ 179.8390, 39.8110,
-77.2530

■ 219.7550, -0.6880,
1.4560

■ 179.0840, 40.4990,
-78.7090

■ 223.6440, -4.4490,
9.0470

■ 226.3930, -5.0000,
13.5280

■ 227.8880, -2.0200,
14.5880

■ 229.3830, 0.9600,
15.6480

Harmonies

Analogous

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



204.5710, 57.4070, -21.6730



199.7400, 19.7220, -38.0540



191.7630, -31.8110, -45.7550

Triad

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



199.7400, 19.7220, -38.0540



163.4930, -144.8300, -40.4620



199.1260, 36.0770, 34.5170

Complementary

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



199.7400, 19.7220, -38.0540



132.2600, -19.7220, 38.0540

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



199.7400, 19.7220, -38.0540



187.2570, -78.6750, -11.4030

Square

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



199.7400, 19.7220, -38.0540



166.0860, -145.2420, -44.0100



205.6940, -15.9130, 18.5750



194.9590, 51.9440, 16.7760

Rectangle

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



199.7400, 19.7220, -38.0540



180.8300, -77.4760, -49.6680



205.6940, -15.9130, 18.5750



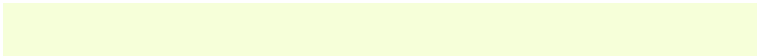
202.2380, 30.0700, 38.7580

Sweetspot

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



199.7400, 19.7220, -38.0540



247.9770, 6.8340, -13.7260



158.1950, 56.8510, 10.4430



123.5840, 3.8070, -8.4250



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.



199.7400, 19.7220, -38.0540



227.9620, 27.2440, -53.2360



184.1920, -11.2700, -49.0780



107.8490, 1.7430, -4.0570



141.6170, 32.2890, -62.0710



37.4670, 8.2100, -16.6380

Inverse Universe

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



132.2600, -19.7220, 38.0540



134.0380, -27.2440, 53.2360



147.8080, 11.2700, 49.0780



100.8520, -2.3390, 3.8450



31.3830, -32.2890, 62.0710



8.2340, -8.8060, 16.4260

Previews

White Background



This preview shows how the YIQ color 199.7400, 19.7220, -38.0540 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 199.7400, 19.7220, -38.0540 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 199.7400, 19.7220, -38.0540

Background



This preview shows how black text looks on a background with the YIQ color 199.7400, 19.7220, -38.0540.



This preview shows how white text looks on a background with the YIQ color 199.7400, 19.7220,

-38.0540.

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

199.7400, 19.7220, -38.0540

Protanopia

203.2920, 44.8910, -26.1250

Deuteranopia

206.2110, 58.7810, -13.5310



Tritanopia

209.1230, -4.5400, 5.1880

Trichromacy



Original Color

199.7400, 19.7220, -38.0540

Protanomaly

201.8670, 35.7220, -30.6620

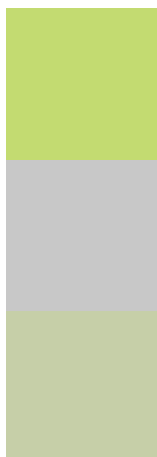
Deuteranomaly

203.8130, 44.9820, -22.2660

Tritanomaly

205.4160, 4.2200, -10.4040

Monochromacy



Original Color

199.7400, 19.7220, -38.0540

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.8630, 7.1550, -14.0370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.7400, 19.7220, -38.0540 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(195, 219, 113)` looks like.

```
.text, #text, p{  
    color:rgb(195, 219, 113)  
}
```

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(195, 219, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 219, 113) }
```

Border

The CSS property to change the border of an element to YIQ 199.7400, 19.7220, -38.0540 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(195, 219, 113) }
```


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

```
.border{ border-color:rgb(195, 219, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 219, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 219, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 219, 113);  
box-shadow:4px 4px 4px 4px rgb(195, 219,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 199.7400, 19.7220, -38.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 219, 113) }
```

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

```
.background{ background-color: rgb(195,  
219, 113) }
```

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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