

Converting Colors

YIQ(210.2660, 12.2490,
-40.2870)

Have a look what the booklet for
YIQ(210.2660, 12.2490, -40.2870)
contains.

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Color

**YIQ(210.2660, 12.2490,
-40.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E980
RGB	197, 233, 128
RGB Percent	77%, 91%, 50%
CMY	0.2276, 0.0862, 0.4979
CMYK	0.15, 0.00, 0.45, 0.09
HSL	81°, 70%, 71%
HSV	81°, 45%, 91%
XYZ	56.0575, 71.7107, 31.3205
YIQ	210.2660, 12.2490, -40.2870

Conversions

Conversions Part 2

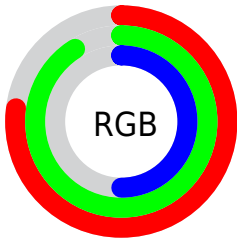
Format	Color
RYB	128, 233, 164
Decimal	12970368
CIELab	87.83, -28.23, 46.99
CIELCh	88, 54.819, 120.995
Yxy	71.7107, 0.3524, 0.4508
Android (android.graphics.Color)	4291160448 (0xFFC5E980)
YUV	210.2660, -40.5571, -11.6343
Hunter-Lab	84.6822, -30.0314, 37.3486

Details

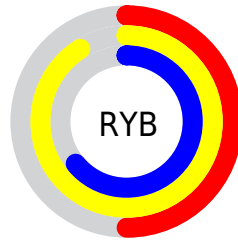
The YIQ color $210.2660, 12.2490, -40.2870$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $150.7340, -12.2490, 40.2870$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $246.6780, 23.4330, -22.7030$, and $154.7220, 10.9650, -39.0430$ is the 20% darker color. If you saturate the color by 10%, you get $205.2520, 14.8640, -49.1360$, and if you desaturate by 10%, it is $215.2800, 9.6340, -31.4380$.

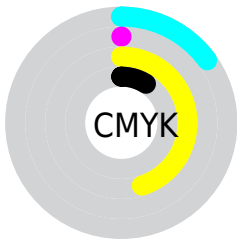
Distribution



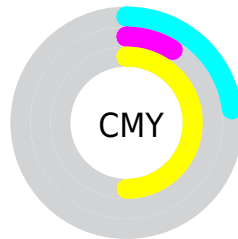
- Red (77%)
- Green (91%)
- Blue (50%)



- Red (50%)
- Yellow (91%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.2660, 12.2490, -40.2870 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 210.2660, 12.2490, -40.2870 by changing the saturation by 10% instead.

■ 210.2660, 12.2490,
-40.2870

■ 210.2660, 12.2490,
-40.2870

■ 255.0000, -0.0000,
-0.0000

■ 182.4940, 11.6070,
-39.6650

■ 246.7920, 23.1120,
-22.3920

■ 154.7220, 10.9650,
-39.0430

■ 249.9840, 14.1240,
-13.6840

■ 127.8360, 10.6440,
-38.7320

■ 253.1760, 5.1360,
-4.9760

■ 101.7220, 10.9650,
-39.0430

■ 76.6510, 9.7270,
-38.6330

■ 55.3870, 2.0230,
-31.1690

■ 32.3180, -10.7240,

-25.9240

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 210.2660, 12.2490,
-40.2870

■ 210.2660, 12.2490,
-40.2870

■ 205.2520, 14.8640,
-49.1360

■ 215.2800, 9.6340,
-31.4380

■ 200.1240, 17.8000,
-58.2960


■ 220.4080, 6.6980,
-22.2780


■ 195.1100, 20.4150,
-67.1450


■ 225.4220, 4.0830,
-13.4290


■ 190.0960, 23.0300,
-75.9940


■ 230.4360, 1.4680,
-4.5800

 185.0820, 25.6450,
-84.8430

 235.5640, -1.4680,
4.5800

 182.5180, 27.1130,
-89.4230

 239.0960, 0.0900,
9.3860

 241.4880, 4.8580,
11.0820

 242.0860, 6.0500,
11.5060

Harmonies

Analogous

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



216.0110, 53.0520, -25.3480



210.2660, 12.2490, -40.2870



201.2610, -42.0810, -46.8570

Triad

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



210.2660, 12.2490, -40.2870



169.3630, -147.5800, -45.6920



205.9250, 32.0890, 29.6970

Complementary

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



210.2660, 12.2490, -40.2870



150.7340, -12.2490, 40.2870

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.



215.0840, 18.7000, 35.5640



210.2660, 12.2490, -40.2870



202.4070, -61.4820, -9.1140

Square

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



210.2660, 12.2490, -40.2870



173.4720, -149.5050, -49.3530



217.8650, -3.2130, 19.6910



202.9320, 47.4060, 10.9100

Rectangle

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



210.2660, 12.2490, -40.2870



188.3600, -90.7720, -50.9960



217.8650, -3.2130, 19.6910



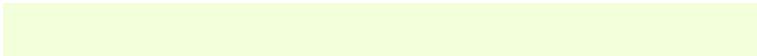
208.4500, 26.3570, 34.4610

Sweetspot

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



210.2660, 12.2490, -40.2870



247.3080, 4.4040, -13.7400



179.9400, 52.9550, 3.9550



123.1000, 2.2940, -8.5380



0.0000, 0.0000, 0.0000



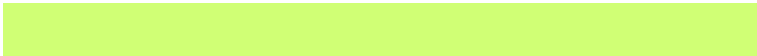
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.2660, 12.2490, -40.2870



225.2150, 16.2860, -52.8820



195.0170, -18.1470, -51.0990



114.5500, 1.1470, -4.2690



141.8280, 21.1490, -69.4350



42.1630, 6.0100, -20.8220

Inverse Universe

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



150.7340, -12.2490, 40.2870



147.0840, -15.6900, 53.0940



166.2820, 18.7430, 51.3110



108.4500, -1.1470, 4.2690



39.1720, -21.1490, 69.4350



11.5380, -6.6060, 20.6100

Previews

White Background



This preview shows how the YIQ color 210.2660, 12.2490, -40.2870 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 210.2660, 12.2490, -40.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

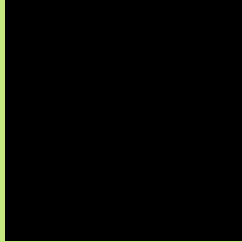
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.2660, 12.2490, -40.2870

Background



This preview shows how black text looks on a background with the YIQ color 210.2660, 12.2490, -40.2870.



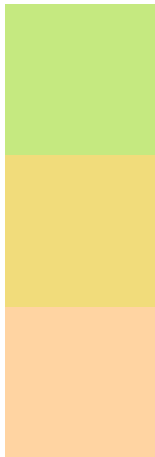
This preview shows how white text looks on a background with the YIQ color 210.2660, 12.2490,

-40.2870.

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

210.2660, 12.2490, -40.2870

Protanopia

215.2210, 43.6530, -25.7150

Deuteranopia

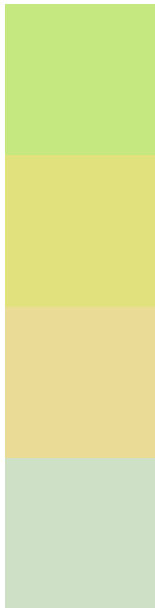
219.1570, 41.6780, -6.4340



Tritanopia

219.3610, -11.1420, 3.6900

Trichromacy



Original Color

210.2660, 12.2490, -40.2870

Protanomaly

213.6000, 32.1000, -31.1000

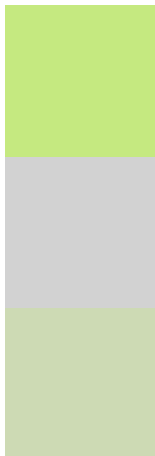
Deuteranomaly

216.2060, 30.8140, -18.8020

Tritanomaly

216.2410, -2.6570, -12.4250

Monochromacy



Original Color

210.2660, 12.2490, -40.2870

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7810, 4.4500, -14.5740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.2660, 12.2490, -40.2870 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(197, 233, 128)` looks like.

```
.text, #text, p{  
    color:rgb(197, 233, 128)  
}
```

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(197, 233, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 233, 128) }
```

Border

The CSS property to change the border of an element to YIQ 210.2660, 12.2490, -40.2870 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(197, 233, 128) }
```


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

```
.border{ border-color:rgb(197, 233, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 233, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 233, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 233, 128); box-shadow:4px 4px 4px 4px rgb(197, 233, 128) }
```

Background

The CSS property to change the background color of an element to YIQ 210.2660, 12.2490, -40.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 233, 128) }
```

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

```
.background{ background-color: rgb(197,  
233, 128) }
```

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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