

Converting Colors

YIQ(218.2480, 12.6600,
-31.2120)

Have a look what the booklet for
YIQ(218.2480, 12.6600, -31.2120)
contains.

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Color

**YIQ(218.2480, 12.6600,
-31.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EB97
RGB	211, 235, 151
RGB Percent	83%, 92%, 59%
CMY	0.1727, 0.0784, 0.4077
CMYK	0.10, 0.00, 0.36, 0.08
HSL	77°, 68%, 76%
HSV	77°, 36%, 92%
XYZ	62.1554, 75.5024, 40.5882
YIQ	218.2480, 12.6600, -31.2120

Conversions

Conversions Part 2

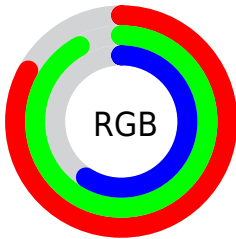
Format	Color
RYB	151, 235, 175
Decimal	13888407
CIELab	89.63, -21.30, 38.18
CIELCh	90, 43.718, 119.156
Yxy	75.5024, 0.3487, 0.4236
Android (android.graphics.Color)	4292078487 (0xFFD3EB97)
YUV	218.2480, -33.1533, -6.3565
Hunter-Lab	86.8921, -24.3771, 33.1295

Details

The YIQ color **218.2480, 12.6600, -31.2120** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **167.7520, -12.6600, 31.2120**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **249.4140, 15.7290, -15.2390**, and **162.7040, 11.3760, -29.9680** is the 20% darker color. If you saturate the color by 10%, you get **213.5330, 15.8710, -39.8490**, and if you desaturate by 10%, it is **223.0770, 9.1280, -22.2640**.

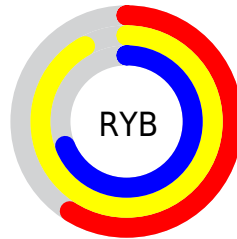
Distribution



Red (83%)

Green (92%)

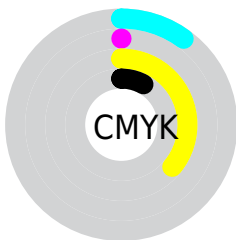
Blue (59%)



Red (59%)

Yellow (92%)

Blue (69%)

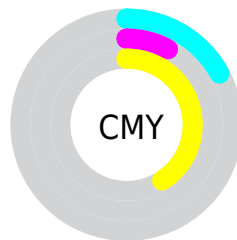


Cyan (10%)

Magenta (0%)

Yellow (36%)

Black (8%)



Cyan (17%)

Magenta (8%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.2480, 12.6600, -31.2120 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 218.2480, 12.6600, -31.2120 by changing the saturation by 10% instead.

■ 218.2480, 12.6600,
-31.2120

■ 218.2480, 12.6600,
-31.2120

255.0000, -0.0000,
-0.0000

■ 190.4760, 12.0180,
-30.5900

■ 249.4140, 15.7290,
-15.2390

■ 162.7040, 11.3760,
-29.9680

■ 252.7200, 6.4200,
-6.2200

■ 136.2310, 11.3300,
-29.1340

■ 110.0460, 10.4130,
-29.0350

■ 85.1600, 10.0920,
-28.7240

■ 60.7470, 9.8170,
-29.2470

■ 40.3690, 2.4340,

-22.0940

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 218.2480, 12.6600,
-31.2120

■ 218.2480, 12.6600,
-31.2120

■ 213.5330, 15.8710,
-39.8490

■ 223.0770, 9.1280,
-22.2640

■ 209.0030, 19.9990,
-48.5850

■ 227.4930, 5.3210,
-13.8390

■ 204.2880, 23.2100,
-57.2220

■ 232.3220, 1.7890,
-4.8910

■ 199.4590, 26.7420,
-66.1700

■ 237.0370, -1.4220,
3.7460

■ 194.7440, 29.9530,
-74.8070

■ 240.2700, -0.4600,
8.3400

■ 190.2140, 34.0810,
-83.5430

■ 242.0640, 3.1160,
9.6120

■ 188.1770, 35.5030,
-87.2890

■ 243.2600, 5.5000,
10.4600

Harmonies

Analogous

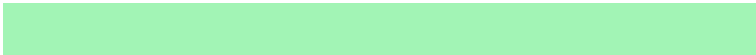
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.3340, 45.0730, -18.4070



218.2480, 12.6600, -31.2120



212.3000, -28.6490, -36.9770

Triad

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



218.2480, 12.6600, -31.2120



199.5400, -90.3180, -26.1740



215.5280, 25.7170, 24.0290

Complementary

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



218.2480, 12.6600, -31.2120



167.7520, -12.6600, 31.2120

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.



223.3020, 14.8500, 28.2420



218.2480, 12.6600, -31.2120



213.1160, -47.3610, -6.2170

Square

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



218.2480, 12.6600, -31.2120



194.0920, -109.8480, -35.6720



223.7460, -4.4960, 15.4080



212.6150, 38.0530, 9.7090

Rectangle

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



218.2480, 12.6600, -31.2120



206.3750, -59.5970, -37.7810



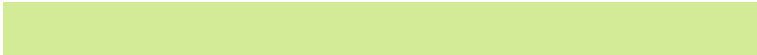
223.7460, -4.4960, 15.4080



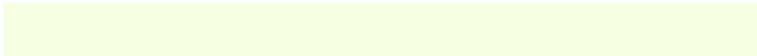
218.2980, 20.6730, 27.3370

Sweetspot

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



218.2480, 12.6600, -31.2120



249.4160, 4.2200, -10.4040



190.2040, 43.4640, 5.2560



124.5670, 2.4770, -6.3470



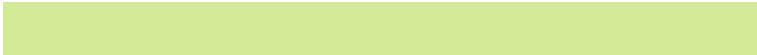
0.0000, 0.0000, 0.0000



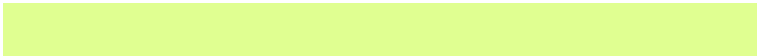
128.0000, -0.0000, -0.0000

Same Dimension

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



218.2480, 12.6600, -31.2120



233.1910, 16.8340, -40.7820



205.6900, -12.3720, -40.1160



114.8490, 1.7430, -4.0570



144.8180, 27.1090, -67.3150



43.0600, 7.7980, -20.1860

Inverse Universe

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



167.7520, -12.6600, 31.2120



167.1080, -16.2380, 40.9940



180.3100, 12.3720, 40.1160



108.1510, -1.7430, 4.0570



36.1820, -27.1090, 67.3150



10.6410, -8.3940, 19.9740

Previews

White Background



This preview shows how the YIQ color 218.2480, 12.6600, -31.2120 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 218.2480, 12.6600, -31.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

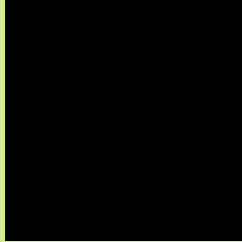
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.2480, 12.6600, -31.2120

Background



This preview shows how black text looks on a background with the YIQ color 218.2480, 12.6600, -31.2120.



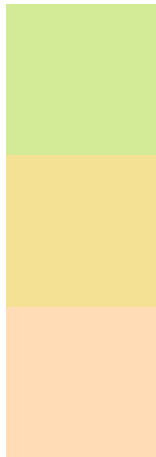
This preview shows how white text looks on a background with the YIQ color 218.2480, 12.6600,

-31.2120.

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

218.2480, 12.6600, -31.2120

Protanopia

221.7890, 36.3620, -20.2300

Deuteranopia

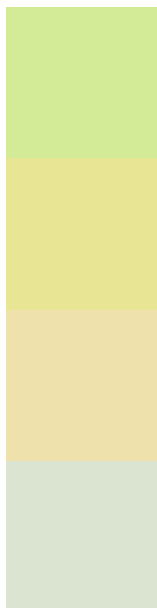
225.5460, 33.3330, -3.8750



Tritanopia

225.7530, -6.3740, 5.3860

Trichromacy



Original Color

218.2480, 12.6600, -31.2120

Protanomaly

220.6630, 27.7890, -24.5550

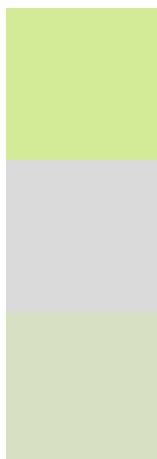
Deuteranomaly

223.0300, 25.6780, -13.8260

Tritanomaly

223.1430, 0.7350, -7.8170

Monochromacy



Original Color

218.2480, 12.6600, -31.2120

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.8890, 4.2660, -11.2380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.2480, 12.6600, -31.2120 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(211, 235, 151)` looks like.

```
.text, #text, p{  
    color:rgb(211, 235, 151)  
}
```

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(211, 235, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 235, 151) }
```

Border

The CSS property to change the border of an element to YIQ 218.2480, 12.6600, -31.2120 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(211, 235, 151) }
```


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

```
.border{ border-color:rgb(211, 235, 151) }
```

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

Here you see how a box with a 4 pixel rgb(211, 235, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 235, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 235, 151);  
box-shadow:4px 4px 4px 4px rgb(211, 235,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 218.2480, 12.6600, -31.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 235, 151) }
```

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

```
.background{ background-color: rgb(211,  
235, 151) }
```

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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