

Converting Colors

YIQ(211.2310, -4.7240, 8.5240)

Have a look what the booklet for
YIQ(211.2310, -4.7240, 8.5240)
contains.

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Color

**YIQ(211.2310, -4.7240,
8.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CFE7
RGB	212, 207, 231
RGB Percent	83%, 81%, 91%
CMY	0.1686, 0.1882, 0.0941
CMYK	0.08, 0.10, 0.00, 0.09
HSL	253°, 33%, 86%
HSV	253°, 10%, 91%
XYZ	63.8881, 64.3917, 84.6558
YIQ	211.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

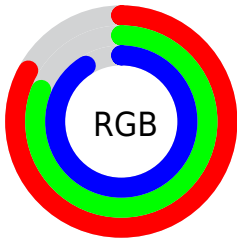
Format	Color
R_{YB}	212, 207, 231
Decimal	13946855
CIE Lab	84.17, 6.23, -11.20
CIE LCh	84, 12.814, 299.067
Yxy	64.3917, 0.3000, 0.3024
Android (android.graphics.Color)	4292136935 (0xFFD4CFE7)
YUV	211.2310, 9.7461, 0.6744
Hunter-Lab	80.2444, 1.6884, -6.3783

Details

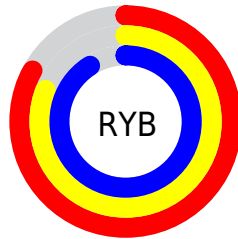
The YIQ color $211.2310, -4.7240, 8.5240$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.7690, 4.7240, -8.5240$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $156.7040, -4.6780, 7.6900$ is the 20% darker color. If you saturate the color by 10%, you get $192.3480, -9.1270, 16.7370$, and if you desaturate by 10%, it is $230.1140, -0.3210, 0.3110$.

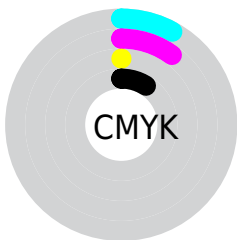
Distribution



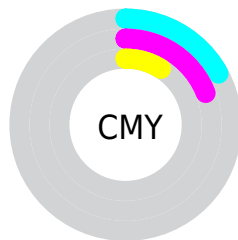
- Red (83%)
- Green (81%)
- Blue (91%)



- Red (83%)
- Yellow (81%)
- Blue (91%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.2310, -4.7240, 8.5240 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 211.2310, -4.7240, 8.5240 by changing the saturation by 10% instead.

■ 211.2310, -4.7240,
8.5240

■ 211.2310, -4.7240,
8.5240

255.0000, -0.0000,
-0.0000

■ 183.2310, -4.7240,
8.5240

■ 156.7040, -4.6780,
7.6900

■ 130.7040, -4.6780,
7.6900

■ 105.5900, -4.3570,
7.3790

■ 81.4760, -4.0360,
7.0680

■ 58.3620, -3.7150,
6.7570

■ 36.9490, -3.9900,

6.2340

■ 15.0740, -2.8440,
7.4920

■ 0.3420, -0.9630,
0.9330

■ 211.2310, -4.7240,
8.5240

■ 211.2310, -4.7240,
8.5240

■ 192.3480, -9.1270,
16.7370

■ 230.1140, -0.3210,
0.3110

■ 173.1660,
-14.1260, 24.7380

■ 249.2960, 4.6780,
-7.6900

■ 154.2830,
-18.5290, 32.9510

■ 252.2640, 7.7040,
-7.4640

■ 135.4000,
-22.9320, 41.1640

■ 116.5170,
-27.3350, 49.3770

■ 96.7480, -32.0590,
57.9010

■ 77.8650, -36.4620,
66.1140

■ 58.9820, -40.8650,
74.3270

■ 40.6860, -45.5430,
82.0170

Harmonies

Analogous

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



209.4360, -15.7270, 4.1850



211.2310, -4.7240, 8.5240



212.7440, 7.0130, 10.5730

Triad

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



211.2310, -4.7240, 8.5240



211.0640, 20.3110, 0.8470



205.9220, -17.6960, -9.6960

Complementary

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



211.2310, -4.7240, 8.5240



226.7690, 4.7240, -8.5240

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.



206.9570, -7.6090, -10.7850



211.2310, -4.7240, 8.5240



209.6670, 13.9390, -4.8210

Square

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



211.2310, -4.7240, 8.5240



211.8240, 21.2270, 6.2750



208.4700, 4.1280, -8.7360



206.3930, -23.3360, -6.6000

Rectangle

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



211.2310, -4.7240, 8.5240



212.4520, 13.7070, 10.4030



208.4700, 4.1280, -8.7360



206.3630, -14.6240, -10.3040

Sweetspot

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



211.2310, -4.7240, 8.5240



248.5100, -1.3760, 2.9120



220.8890, -12.9290, -2.4730



122.9830, -1.3300, 2.0780



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.



211.2310, -4.7240, 8.5240



229.6270, -5.7790, 11.1250



214.8190, 2.4280, 11.0680



105.2650, -2.0640, 4.3680



31.4690, -35.4070, 63.5130



9.1030, -9.8150, 18.1930

Inverse Universe

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



216.3420, 8.2050, 10.9970



236.1190, 10.4510, 14.3470



223.1810, -2.4280, -11.0680



107.6140, 4.2630, 5.3430



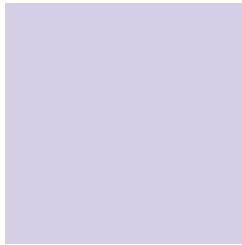
69.5950, 61.4230, 81.7990



19.8090, 17.5560, 23.2520

Previews

White Background



This preview shows how the YIQ color 211.2310, -4.7240, 8.5240 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 211.2310, -4.7240, 8.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

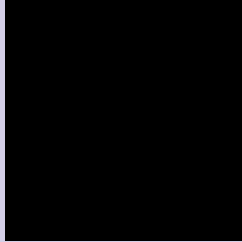
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.2310, -4.7240, 8.5240

Background



This preview shows how black text looks on a background with the YIQ color 211.2310, -4.7240, 8.5240.



This preview shows how white text looks on a background with the YIQ color 211.2310, -4.7240,

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

211.2310, -4.7240, 8.5240

Protanopia

210.4370, -8.3000, 7.2520

Deuteranopia

211.9760, 0.5480, 12.1000



Tritanopia

210.8350, -3.6690, 5.9230

Trichromacy



Original Color

211.2310, -4.7240, 8.5240

Protanomaly

211.0350, -7.1080, 7.6760

Deuteranomaly

211.6660, -1.5150, 10.9410

Tritanomaly

211.0630, -4.3110, 6.5450

Monochromacy



Original Color

211.2310, -4.7240, 8.5240

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.2110, -1.9720, 2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.2310, -4.7240, 8.5240 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(212, 207, 231)` looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 231)  
}
```

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(212, 207, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 231) }
```

Border

The CSS property to change the border of an element to YIQ 211.2310, -4.7240, 8.5240 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(212, 207, 231) }
```


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

```
.border{ border-color:rgb(212, 207, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 207, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 231);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 211.2310, -4.7240, 8.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 231) }
```

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

```
.background{ background-color: rgb(212,  
207, 231) }
```

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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