

Converting Colors

YIQ(215.0330, -12.7940,
11.6060)

Have a look what the booklet for
YIQ(215.0330, -12.7940, 11.6060)
contains.

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Color

**YIQ(215.0330, -12.7940,
11.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D3F9
RGB	210, 211, 249
RGB Percent	82%, 83%, 98%
CMY	0.1764, 0.1725, 0.0236
CMYK	0.16, 0.15, 0.00, 0.02
HSL	238°, 76%, 90%
HSV	238°, 16%, 98%
XYZ	66.9700, 67.1295, 99.0334
YIQ	215.0330, -12.7940, 11.6060

Conversions

Conversions Part 2

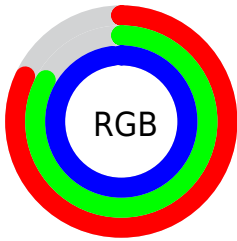
Format	Color
R _Y B	210, 211, 249
Decimal	13816825
CIE Lab	85.57, 7.12, -18.66
CIE LCh	86, 19.972, 290.896
Yxy	67.1295, 0.2873, 0.2879
Android (android.graphics.Color)	4292006905 (0xFFD2D3F9)
YUV	215.0330, 16.7457, -4.4139
Hunter-Lab	81.9326, 2.5201, -14.3121

Details

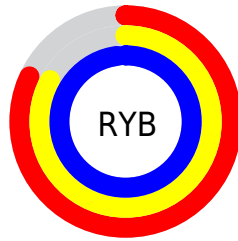
The YIQ color $215.0330, -12.7940, 11.6060$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $243.9670, 12.7940, -11.6060$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.5060, -12.7480, 10.7720$ is the 20% darker color. If you saturate the color by 10%, you get $193.4700, -21.0940, 18.8580$, and if you desaturate by 10%, it is $236.5960, -4.4940, 4.3540$.

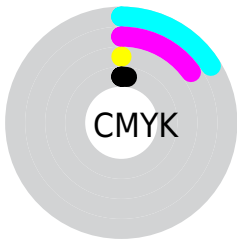
Distribution



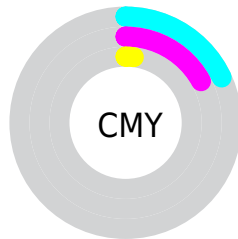
- Red (82%)
- Green (83%)
- Blue (98%)



- Red (82%)
- Yellow (83%)
- Blue (98%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.0330, -12.7940, 11.6060 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 215.0330, -12.7940, 11.6060 by changing the saturation by 10% instead.

■ 215.0330,
-12.7940, 11.6060

■ 215.0330,
-12.7940, 11.6060

255.0000, -0.0000,
-0.0000

■ 186.9190,
-12.4730, 11.2950

■ 160.3920,
-12.4270, 10.4610

■ 134.2780,
-12.1060, 10.1500

■ 108.2780,
-12.1060, 10.1500

■ 84.0500, -11.4640,
9.5280

■ 60.6370, -11.7390,
9.0050

■ 38.9960, -11.3720,

7.8600

■ 17.5830, -11.6470,
7.3370

■ 3.0950, -7.3370,
6.3190

■ 215.0330,
-12.7940, 11.6060

■ 215.0330,
-12.7940, 11.6060

■ 193.4700,
-21.0940, 18.8580

■ 236.5960, -4.4940,
4.3540

■ 171.3200,
-29.1190, 26.6330

■ 254.3160, 1.9260,
-1.8660

■ 149.7570,
-37.4190, 33.8850

■ 128.1940,
-45.7190, 41.1370

■ 106.9300,
-53.4230, 48.6010

■ 84.7800, -61.4480,
56.3760

■ 63.2170, -69.7480,
63.6280

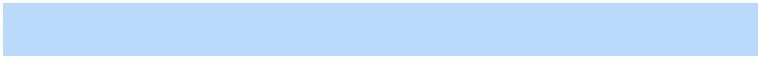
■ 41.6540, -78.0480,
70.8800

■ 31.9080, -81.5790,
74.3010

Harmonies

Analogous

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



211.6070, -29.3900, 4.0020



215.0330, -12.7940, 11.6060



217.1340, 6.0950, 16.1990

Triad

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



215.0330, -12.7940, 11.6060



215.8760, 32.6440, 3.1080



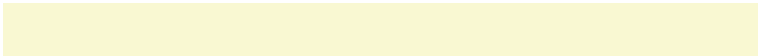
207.6990, -24.6180, -16.4100

Complementary

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



215.0330, -12.7940, 11.6060



243.9670, 12.7940, -11.6060

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.



209.6810, -7.0120, -16.1000



215.0330, -12.7940, 11.6060



214.0010, 24.6220, -5.6980

Square

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



215.0330, -12.7940, 11.6060



216.8470, 31.5880, 11.2360



211.9560, 11.3270, -12.5530



206.9890, -36.9980, -12.3100

Rectangle

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



215.0330, -12.7940, 11.6060



217.4080, 17.0070, 16.6790



211.9560, 11.3270, -12.5530



208.2220, -18.8410, -16.4810

Sweetspot

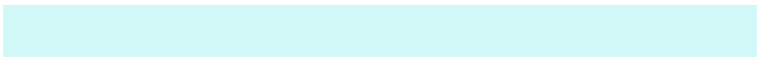
The Sweet Spot groups the original color and five complimentary colors.



215.0330, -12.7940, 11.6060



244.0690, -4.4480, 3.5200



237.2250, -22.9230, -8.5790



120.9120, -2.5680, 2.4880



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.



215.0330, -12.7940, 11.6060



213.0590, -15.6830, 14.4050



219.8280, -1.7910, 15.9450



114.0690, -4.4480, 3.5200



24.4810, -62.0440, 56.1640



8.1280, -20.1310, 17.9250

Inverse Universe

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



221.7750, 22.9230, 8.5790



221.4660, 28.2870, 10.4870



239.1720, 1.7910, -15.9450



116.0010, 7.4270, 3.0670



57.0810, 111.0390, 41.6230



18.4670, 35.7140, 13.5540

Previews

White Background



This preview shows how the YIQ color 215.0330, -12.7940, 11.6060 looks on a white background.

Color Contrast Check

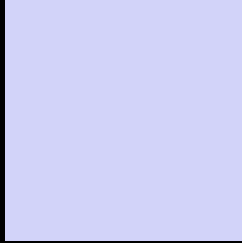
Large Text (above 18pt) WCAG AA × Fail

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 215.0330, -12.7940, 11.6060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

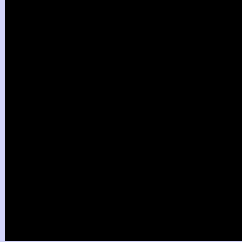
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.0330, -12.7940, 11.6060

Background



This preview shows how black text looks on a background with the YIQ color 215.0330, -12.7940, 11.6060.

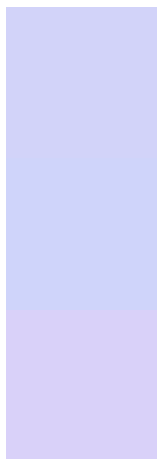


This preview shows how white text looks on a background with the YIQ color 215.0330, -12.7940,

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

215.0330, -12.7940, 11.6060

Protanopia

214.8370, -15.1780, 10.7580

Deuteranopia

215.9520, -8.0720, 14.1360



Tritanopia

213.8450, -9.6290, 3.8030

Trichromacy



Original Color

215.0330, -12.7940, 11.6060

Protanomaly

215.1360, -14.5820, 10.9700

Deuteranomaly

215.6420, -10.1350, 12.9770

Tritanomaly

214.3550, -11.0050, 6.7150

Monochromacy



Original Color

215.0330, -12.7940, 11.6060

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.1830, -4.7690, 3.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.0330, -12.7940, 11.6060 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(210, 211, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 249)  
}
```

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(210, 211, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 249) }
```

Border

The CSS property to change the border of an element to YIQ 215.0330, -12.7940, 11.6060 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(210, 211, 249) }
```


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

```
.border{ border-color:rgb(210, 211, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 215.0330, -12.7940, 11.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 249) }
```

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

```
.background{ background-color: rgb(210,  
211, 249) }
```

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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