

Converting Colors

YIQ(216.9650, -0.9190, 11.1530)

Have a look what the booklet for
YIQ(216.9650, -0.9190, 11.1530)
contains.

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Color

**YIQ(216.9650, -0.9190,
11.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD2ED
RGB	223, 210, 237
RGB Percent	87%, 82%, 93%
CMY	0.1254, 0.1765, 0.0706
CMYK	0.06, 0.11, 0.00, 0.07
HSL	269°, 43%, 88%
HSV	269°, 11%, 93%
XYZ	68.7656, 67.8945, 89.5966
YIQ	216.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

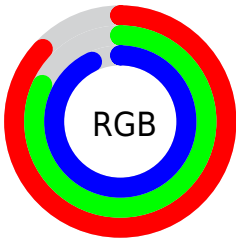
Format	Color
R _Y B	223, 210, 237
Decimal	14668525
CIE Lab	85.95, 9.41, -11.63
CIE LCh	86, 14.962, 308.961
Yxy	67.8945, 0.3039, 0.3001
Android (android.graphics.Color)	4292858605 (0xFFDFD2ED)
YUV	216.9650, 9.8773, 5.2927
Hunter-Lab	82.3981, 4.7710, -6.7910

Details

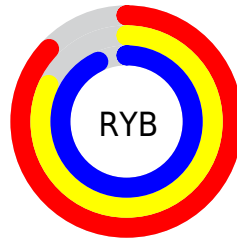
The YIQ color $216.9650, -0.9190, 11.1530$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.0350, 0.9190, -11.1530$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.4380, -0.8730, 10.3190$ is the 20% darker color. If you saturate the color by 10%, you get $199.2890, -1.4710, 21.1610$, and if you desaturate by 10%, it is $234.6410, -0.3670, 1.1450$.

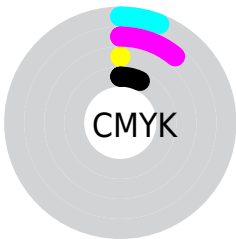
Distribution



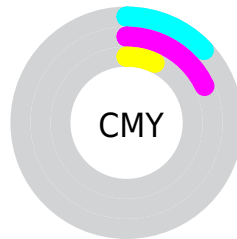
- Red (87%)
- Green (82%)
- Blue (93%)



- Red (87%)
- Yellow (82%)
- Blue (93%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.9650, -0.9190, 11.1530 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 216.9650, -0.9190, 11.1530 by changing the saturation by 10% instead.

■ 216.9650, -0.9190,
11.1530

■ 216.9650, -0.9190,
11.1530

255.0000, -0.0000,
-0.0000

■ 188.9650, -0.9190,
11.1530

■ 162.4380, -0.8730,
10.3190

■ 136.0250, -1.1480,
9.7960

■ 110.3240, -0.5520,
10.0080

■ 85.9110, -0.8270,
9.4850

■ 62.4980, -1.1020,
8.9620

■ 40.9710, -1.0560,

8.1280

■ 19.9710, -1.0560,
8.1280

■ 1.2540, -3.5310,
3.4210

■ 216.9650, -0.9190,
11.1530

■ 216.9650, -0.9190,
11.1530

■ 199.2890, -1.4710,
21.1610

■ 234.6410, -0.3670,
1.1450

■ 181.9010, -2.8940,
30.4340

■ 250.8550, 1.6060,
-7.0820

■ 164.2250, -3.4460,
40.4420

■ 252.9480, 5.7780,
-5.5980

■ 146.5490, -3.9980,
50.4500

■ 129.4600, -4.8250,
59.9350

■ 111.4850, -5.9730,
69.7310

■ 93.8090, -6.5250,
79.7390

■ 76.1330, -7.0770,
89.7470

■ 61.1040, -8.1330,
97.8750

Harmonies

Analogous

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



215.2020, -14.9480, 6.5880



216.9650, -0.9190, 11.1530



217.4350, 12.3770, 12.4810

Triad

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



216.9650, -0.9190, 11.1530



215.9670, 21.9620, -1.5420



209.9860, -23.7480, -10.1480

Complementary

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



216.9650, -0.9190, 11.1530



230.0350, 0.9190, -11.1530

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.



210.6790, -12.6980, -12.1700



216.9650, -0.9190, 11.1530



213.9010, 13.1600, -7.2240

Square

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



216.9650, -0.9190, 11.1530



217.0370, 24.9410, 5.0450



212.7360, 0.3230, -11.3650



210.5820, -28.2420, -5.7940

Rectangle

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



216.9650, -0.9190, 11.1530



217.6160, 19.1170, 11.4770



212.7360, 0.3230, -11.3650



210.0140, -20.9510, -11.2790

Sweetspot

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



216.9650, -0.9190, 11.1530



249.1080, -0.1840, 3.3360



221.2960, -12.5170, 1.0750



123.5810, -0.1380, 2.5020



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.



216.9650, -0.9190, 11.1530



228.4860, -0.8280, 15.0120



220.8520, 6.8290, 13.9090



108.7490, -0.5510, 4.4810



46.6470, -6.2490, 74.7350



13.9300, -1.8380, 22.3060

Inverse Universe

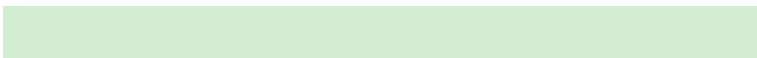
The Inverse Universe completely reimagines the original color for something new.



219.6690, 11.5980, 10.0780



231.9300, 15.3570, 13.5410



226.1480, -6.8290, -13.9090



109.9730, 4.6300, 4.1980



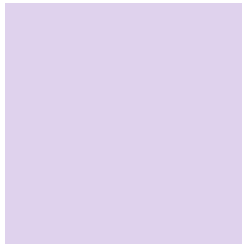
64.8350, 77.7020, 67.6060



19.3380, 23.1960, 20.1560

Previews

White Background



This preview shows how the YIQ color 216.9650, -0.9190, 11.1530 looks on a white background.

Color Contrast Check

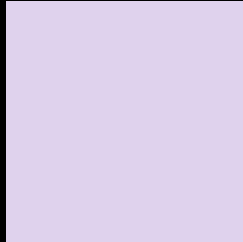
Large Text (above 18pt) WCAG AA × Fail

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 216.9650, -0.9190, 11.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

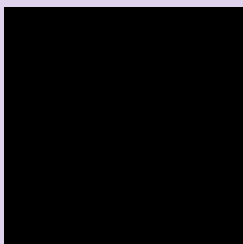
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.9650, -0.9190, 11.1530

Background



This preview shows how black text looks on a background with the YIQ color 216.9650, -0.9190, 11.1530.



This preview shows how white text looks on a background with the YIQ color 216.9650, -0.9190,

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

216.9650, -0.9190, 11.1530

Protanopia

215.6650, -8.9420, 7.8740

Deuteranopia

217.2750, 1.1440, 12.3120



Tritanopia

216.2270, 1.0990, 7.6190

Trichromacy



Original Color

216.9650, -0.9190, 11.1530

Protanomaly

216.1600, -5.9620, 8.9340

Deuteranomaly

216.9760, 0.5480, 12.1000

Tritanomaly

216.5690, 0.1360, 8.5520

Monochromacy



Original Color

216.9650, -0.9190, 11.1530

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.6350, -0.2300, 4.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.9650, -0.9190, 11.1530 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(223, 210, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 210, 237)  
}
```

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(223, 210, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 210, 237) }
```

Border

The CSS property to change the border of an element to YIQ 216.9650, -0.9190, 11.1530 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(223, 210, 237) }
```


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

```
.border{ border-color:rgb(223, 210, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 210, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 210, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 210, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 210,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 216.9650, -0.9190, 11.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 210, 237) }
```

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

```
.background{ background-color: rgb(223,  
210, 237) }
```

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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