

Converting Colors

YIQ(211.5890, -2.6160, 14.3760)

Have a look what the booklet for
YIQ(211.5890, -2.6160, 14.3760)
contains.

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Color

**YIQ(211.5890, -2.6160,
14.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	DACBEF
RGB	218, 203, 239
RGB Percent	85%, 80%, 94%
CMY	0.1450, 0.2039, 0.0628
CMYK	0.09, 0.15, 0.00, 0.06
HSL	265°, 53%, 87%
HSV	265°, 15%, 94%
XYZ	65.8509, 63.8481, 90.5070
YIQ	211.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

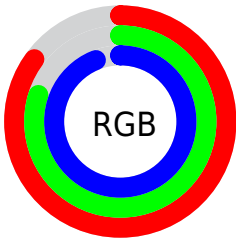
Format	Color
R _Y B	218, 203, 239
Decimal	14339055
CIE Lab	83.89, 11.88, -15.83
CIE LCh	84, 19.795, 306.896
Yxy	63.8481, 0.2990, 0.2899
Android (android.graphics.Color)	4292529135 (0xFFDACBEF)
YUV	211.5890, 13.5136, 5.6224
Hunter-Lab	79.9050, 7.2708, -11.2233

Details

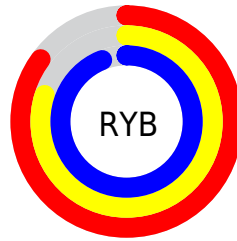
The YIQ color $211.5890, -2.6160, 14.3760$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.4110, 2.6160, -14.3760$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $157.0620, -2.5700, 13.5420$ is the 20% darker color. If you saturate the color by 10%, you get $193.3150, -4.3600, 23.9600$, and if you desaturate by 10%, it is $229.8630, -0.8720, 4.7920$.

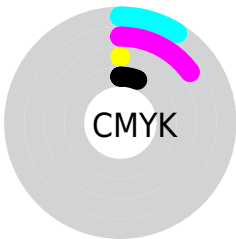
Distribution



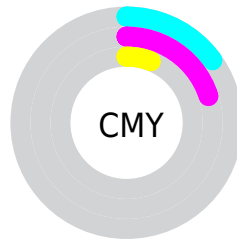
- Red (85%)
- Green (80%)
- Blue (94%)



- Red (85%)
- Yellow (80%)
- Blue (94%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.5890, -2.6160, 14.3760 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 211.5890, -2.6160, 14.3760 by changing the saturation by 10% instead.

■ 211.5890, -2.6160,
14.3760

■ 211.5890, -2.6160,
14.3760

255.0000, -0.0000,
-0.0000

■ 184.1760, -2.8910,
13.8530

■ 157.0620, -2.5700,
13.5420

■ 130.9480, -2.2490,
13.2310

■ 105.5350, -2.5240,
12.7080

■ 81.1220, -2.7990,
12.1850

■ 58.5950, -2.7530,
11.3510

■ 36.1820, -3.0280,

10.8280

■ 14.4920, -0.9650,
11.9870

■ 2.0690, -4.4480,
3.5200

■ 211.5890, -2.6160,
14.3760

■ 211.5890, -2.6160,
14.3760

■ 193.3150, -4.3600,
23.9600

■ 229.8630, -0.8720,
4.7920

■ 175.0410, -6.1040,
33.5440

■ 248.1370, 0.8720,
-4.7920

■ 156.7670, -7.8480,
43.1280

■ 253.1760, 5.1360,
-4.9760

■ 138.4930, -9.5920,
52.7120

■ 120.8060,
-11.6110, 61.7730

■ 102.5320,
-13.3550, 71.3570

■ 84.5570, -14.5030,
81.1530

■ 66.2830, -16.2470,
90.7370

■ 57.1460, -17.1190,
95.5290

Harmonies

Analogous

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



208.7330, -20.8170, 8.3270



211.5890, -2.6160, 14.3760



212.6250, 14.8980, 16.3540

Triad

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



211.5890, -2.6160, 14.3760



209.9740, 29.2520, -1.5000



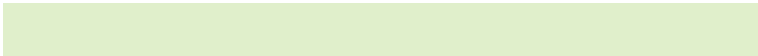
202.1590, -31.7250, -14.2610

Complementary

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



211.5890, -2.6160, 14.3760



230.4110, 2.6160, -14.3760

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.



203.8910, -16.4110, -16.4670



211.5890, -2.6160, 14.3760



207.7720, 17.8370, -9.3870

Square

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



211.5890, -2.6160, 14.3760



211.5110, 32.4140, 7.2780



205.8130, 1.4240, -14.8000



202.7270, -39.0160, -8.7760

Rectangle

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



211.5890, -2.6160, 14.3760



212.4750, 24.0680, 15.3640



205.8130, 1.4240, -14.8000



202.5570, -27.0940, -15.5900

Sweetspot

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



211.5890, -2.6160, 14.3760



245.2760, -0.5970, 5.3150



219.4310, -17.3310, 0.2130



121.8090, -0.7800, 3.1240



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.



211.5890, -2.6160, 14.3760



219.9250, -3.4420, 18.3340



216.9710, 8.1120, 18.1920



110.8630, -0.8720, 4.7920



43.9990, -13.1720, 73.5480



13.2610, -4.2680, 22.2920

Inverse Universe

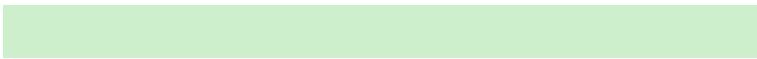
The Inverse Universe completely reimagines the original color for something new.



216.1580, 14.7150, 14.1630



225.8320, 18.7490, 18.1490



225.0290, -8.1120, -18.1920



112.3860, 4.9050, 4.7210



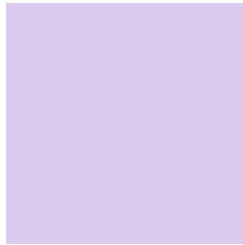
67.2140, 75.3170, 72.2850



20.5060, 22.7830, 22.1350

Previews

White Background



This preview shows how the YIQ color 211.5890, -2.6160, 14.3760 looks on a white background.

Color Contrast Check

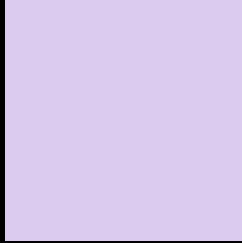
Large Text (above 18pt) WCAG AA × Fail

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 211.5890, -2.6160, 14.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

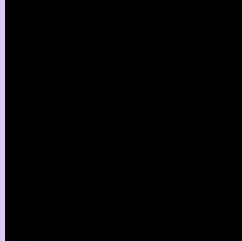
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.5890, -2.6160, 14.3760

Background



This preview shows how black text looks on a background with the YIQ color 211.5890, -2.6160, 14.3760.



This preview shows how white text looks on a background with the YIQ color 211.5890, -2.6160,

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

211.5890, -2.6160, 14.3760

Protanopia

210.3810, -13.8940, 9.5140

Deuteranopia

211.2790, -4.6790, 13.2170



Tritanopia

210.5150, 0.2280, 6.8840

Trichromacy



Original Color

211.5890, -2.6160, 14.3760

Protanomaly

210.5880, -10.0430, 11.3090

Deuteranomaly

211.5780, -4.0830, 13.4290

Tritanomaly

210.9110, -0.8270, 9.4850

Monochromacy



Original Color

211.5890, -2.6160, 14.3760

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.9770, -1.1930, 5.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.5890, -2.6160, 14.3760 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(218, 203, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 203, 239)  
}
```

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(218, 203, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 203, 239) }
```

Border

The CSS property to change the border of an element to YIQ 211.5890, -2.6160, 14.3760 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(218, 203, 239) }
```


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

```
.border{ border-color:rgb(218, 203, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 203, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 203, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 203, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 203,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 211.5890, -2.6160, 14.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 203, 239) }
```

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

```
.background{ background-color: rgb(218,  
203, 239) }
```

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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