

Converting Colors

YIQ(213.9260, -5.1830, 11.3370)

Have a look what the booklet for
YIQ(213.9260, -5.1830, 11.3370)
contains.

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Color

**YIQ(213.9260, -5.1830,
11.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D0EF
RGB	216, 208, 239
RGB Percent	85%, 82%, 94%
CMY	0.1529, 0.1843, 0.0628
CMYK	0.10, 0.13, 0.00, 0.06
HSL	256°, 49%, 88%
HSV	256°, 13%, 94%
XYZ	66.4552, 65.9419, 90.8780
YIQ	213.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

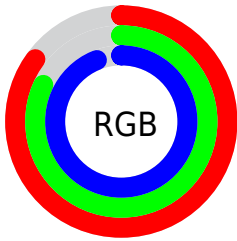
Format	Color
R _Y B	216, 208, 239
Decimal	14209263
CIE Lab	84.97, 8.58, -14.22
CIE LCh	85, 16.611, 301.090
Yxy	65.9419, 0.2976, 0.2953
Android (android.graphics.Color)	4292399343 (0xFFD8D0EF)
YUV	213.9260, 12.3615, 1.8189
Hunter-Lab	81.2046, 3.9704, -9.5096

Details

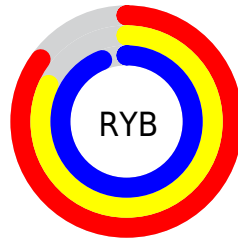
The YIQ color $213.9260, -5.1830, 11.3370$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $233.0740, 5.1830, -11.3370$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.3990, -5.1370, 10.5030$ is the 20% darker color. If you saturate the color by 10%, you get $194.4560, -9.3110, 20.0730$, and if you desaturate by 10%, it is $233.3960, -1.0550, 2.6010$.

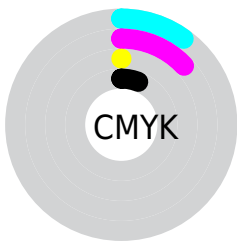
Distribution



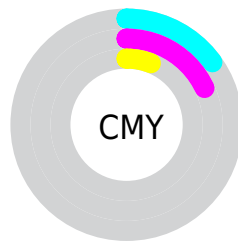
- Red (85%)
- Green (82%)
- Blue (94%)



- Red (85%)
- Yellow (82%)
- Blue (94%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.9260, -5.1830, 11.3370 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 213.9260, -5.1830, 11.3370 by changing the saturation by 10% instead.

■ 213.9260, -5.1830,
11.3370

■ 213.9260, -5.1830,
11.3370

255.0000, -0.0000,
-0.0000

■ 185.9260, -5.1830,
11.3370

■ 159.3990, -5.1370,
10.5030

■ 133.2850, -4.8160,
10.1920

■ 107.8720, -5.0910,
9.6690

■ 83.7580, -4.7700,
9.3580

■ 60.3450, -5.0450,
8.8350

■ 38.2310, -4.7240,

8.5240

■ 17.4160, -3.8070,
8.4250

■ 2.0690, -4.4480,
3.5200

■ 213.9260, -5.1830,
11.3370

■ 213.9260, -5.1830,
11.3370

■ 194.4560, -9.3110,
20.0730

■ 233.3960, -1.0550,
2.6010

■ 175.2850,
-12.8430, 29.0210

■ 251.9800, 2.7520,
-5.8240

■ 155.8150,
-16.9710, 37.7570

■ 253.1760, 5.1360,
-4.9760

■ 136.3450,
-21.0990, 46.4930

■ 117.4620,
-25.5020, 54.7060

■ 98.2910, -29.0340,
63.6540

■ 78.8210, -33.1620,
72.3900

■ 59.3510, -37.2900,
81.1260

■ 45.7840, -39.7670,
87.4730

Harmonies

Analogous

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



211.3370, -19.7620, 5.7260



213.9260, -5.1830, 11.3370



215.4070, 9.5800, 13.6120

Triad

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



213.9260, -5.1830, 11.3370



213.1740, 25.8130, 0.2530



206.5190, -23.9310, -12.3390

Complementary

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



213.9260, -5.1830, 11.3370



233.0740, 5.1830, -11.3370

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.



208.1090, -11.0930, -13.7250



213.9260, -5.1830, 11.3370



211.4670, 17.3780, -6.5740

Square

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



213.9260, -5.1830, 11.3370



214.2870, 27.2330, 7.5610



209.7750, 4.5870, -11.5490



207.1470, -31.4510, -8.2110

Rectangle

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



213.9260, -5.1830, 11.3370



215.4850, 18.1080, 13.2440



209.7750, 4.5870, -11.5490



207.1450, -19.9420, -13.0460

Sweetspot

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



213.9260, -5.1830, 11.3370



246.7380, -2.0180, 3.5340



225.0350, -16.2760, -2.3880



122.3960, -1.0550, 2.6010



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.



213.9260, -5.1830, 11.3370



221.9630, -6.6050, 15.0830



218.4110, 3.7570, 14.5170



110.2650, -2.0640, 4.3680



35.0290, -31.0520, 67.1880



10.8690, -9.0360, 20.5960

Inverse Universe

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



219.8910, 11.0930, 13.7250



229.6790, 14.8060, 18.0220



228.5890, -3.7570, -14.5170



112.6140, 4.2630, 5.3430



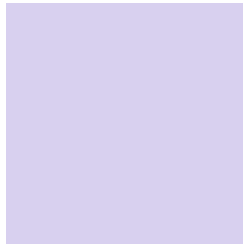
70.5200, 66.0080, 81.3040



21.5320, 19.8940, 24.9340

Previews

White Background



This preview shows how the YIQ color 213.9260, -5.1830, 11.3370 looks on a white background.

Color Contrast Check

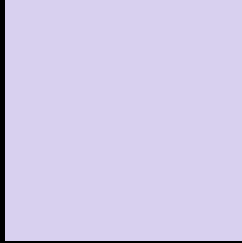
Large Text (above 18pt) WCAG AA × Fail

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 213.9260, -5.1830, 11.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

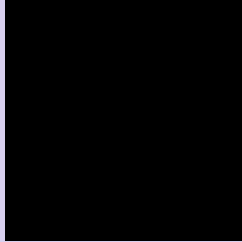
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.9260, -5.1830, 11.3370

Background



This preview shows how black text looks on a background with the YIQ color 213.9260, -5.1830, 11.3370.



This preview shows how white text looks on a background with the YIQ color 213.9260, -5.1830,

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

213.9260, -5.1830, 11.3370

Protanopia

213.2240, -12.0140, 8.4820

Deuteranopia

214.5350, -2.5240, 12.7080



Tritanopia

213.1340, -3.0730, 6.1350

Trichromacy



Original Color

213.9260, -5.1830, 11.3370

Protanomaly

213.4200, -9.6300, 9.3300

Deuteranomaly

214.2360, -3.1200, 12.4960

Tritanomaly

213.3020, -3.4860, 8.1140

Monochromacy



Original Color

213.9260, -5.1830, 11.3370

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1510, -1.7430, 4.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.9260, -5.1830, 11.3370 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(216, 208, 239)` looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 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(216, 208, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 239) }
```

Border

The CSS property to change the border of an element to YIQ 213.9260, -5.1830, 11.3370 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(216, 208, 239) }
```


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

```
.border{ border-color:rgb(216, 208, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 208, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 208, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 208, 239);  
box-shadow:4px 4px 4px 4px rgb(216, 208,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 213.9260, -5.1830, 11.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 239) }
```

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

```
.background{ background-color: rgb(216,  
208, 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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