

Converting Colors

YIQ(206.3100, -5.9640, 19.9880)

Have a look what the booklet for
YIQ(206.3100, -5.9640, 19.9880)
contains.

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Color

**YIQ(206.3100, -5.9640,
19.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C3F7
RGB	213, 195, 247
RGB Percent	84%, 76%, 97%
CMY	0.1646, 0.2353, 0.0314
CMYK	0.14, 0.21, 0.00, 0.03
HSL	261°, 76%, 87%
HSV	261°, 21%, 97%
XYZ	63.7456, 59.8903, 96.1827
YIQ	206.3100, -5.9640, 19.9880

Conversions

Conversions Part 2

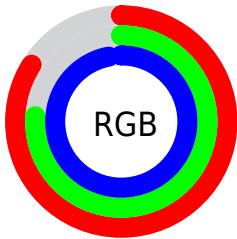
Format	Color
R _Y B	213, 195, 247
Decimal	14009335
CIE Lab	81.78, 16.20, -23.32
CIE LCh	82, 28.395, 304.798
Yxy	59.8903, 0.2900, 0.2725
Android (android.graphics.Color)	4292199415 (0xFFD5C3F7)
YUV	206.3100, 20.0602, 5.8671
Hunter-Lab	77.3888, 11.6009, -19.5164

Details

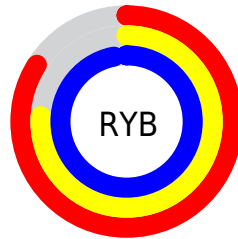
The YIQ color $206.3100, -5.9640, 19.9880$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $235.6900, 5.9640, -19.9880$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $151.7830, -5.9180, 19.1540$ is the 20% darker color. If you saturate the color by 10%, you get $186.8510, -8.6250, 29.6710$, and if you desaturate by 10%, it is $225.7690, -3.3030, 10.3050$.

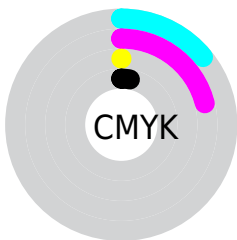
Distribution



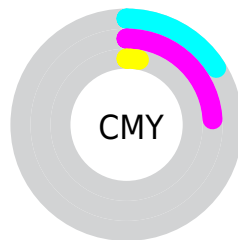
- Red (84%)
- Green (76%)
- Blue (97%)



- Red (84%)
- Yellow (76%)
- Blue (97%)



- Cyan (14%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.3100, -5.9640, 19.9880 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 206.3100, -5.9640, 19.9880 by changing the saturation by 10% instead.

206.3100, -5.9640,
19.9880

206.3100, -5.9640,
19.9880

255.0000, -0.0000,
-0.0000

178.7830, -5.9180,
19.1540

253.2390, 0.8250,
1.5690

151.7830, -5.9180,
19.1540

126.1420, -5.5510,
18.0090

100.7290, -5.8260,
17.4860

76.7890, -6.0550,
16.1290

53.3760, -6.3300,
15.6060

31.4360, -6.5590,

14.2490

■ 9.4580, -3.6250,
16.1430

■ 2.8670, -6.6950,
5.6970

■ 206.3100, -5.9640,
19.9880

■ 206.3100, -5.9640,
19.9880

■ 186.8510, -8.6250,
29.6710

■ 225.7690, -3.3030,
10.3050

■ 167.9790,
-11.5610, 38.8310

■ 244.6410, -0.3670,
1.1450

■ 148.5200,
-14.2220, 48.5140

■ 254.0880, 2.5680,
-2.4880

■ 128.7620,
-17.4790, 57.9850

■ 109.8900,
-20.4150, 67.1450

■ 90.4310, -23.0760,
76.8280

■ 70.9720, -25.7370,
86.5110

■ 53.8720, -28.0310,
95.0490

Harmonies

Analogous

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



201.7410, -32.4630, 10.1370



206.3100, -5.9640, 19.9880



207.5920, 19.6650, 23.5770

Triad

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



206.3100, -5.9640, 19.9880



204.0200, 40.8060, -1.6420



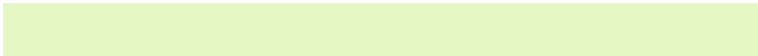
191.6300, -46.5330, -21.2290

Complementary

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



206.3100, -5.9640, 19.9880



235.6900, 5.9640, -19.9880

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.



194.8530, -22.4160, -23.2800



206.3100, -5.9640, 19.9880



201.7420, 26.5490, -13.0910

Square

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



206.3100, -5.9640, 19.9880



205.8500, 44.7010, 10.3730



198.4940, 3.5800, -20.8360



191.3160, -59.9680, -14.5280

Rectangle

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



206.3100, -5.9640, 19.9880



207.4810, 33.0990, 22.4030



198.4940, 3.5800, -20.8360



192.6970, -39.4720, -22.5440

Sweetspot

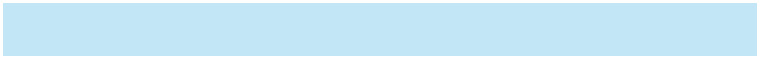
The Sweet Spot groups the original color and five complimentary colors.



206.3100, -5.9640, 19.9880



243.2050, -1.8350, 5.7250



221.4730, -26.3170, -2.1330



120.9230, -1.1010, 3.4350



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.



206.3100, -5.9640, 19.9880



204.8740, -7.4320, 24.5680



213.7850, 8.9360, 25.2880



112.5640, -1.4680, 4.5800



40.6390, -20.9660, 71.6260



12.7060, -7.0190, 22.5890

Inverse Universe

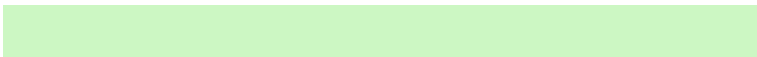
The Inverse Universe completely reimagines the original color for something new.



214.4240, 20.0780, 21.5980



214.9240, 24.6620, 26.6300



228.2150, -8.9360, -25.2880



114.5000, 4.5840, 5.0320



69.5220, 71.6940, 77.3740



21.9730, 22.9660, 24.3260

Previews

White Background



This preview shows how the YIQ color 206.3100, -5.9640, 19.9880 looks on a white background.

Color Contrast Check

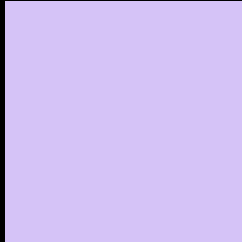
Large Text (above 18pt) WCAG AA × Fail

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 206.3100, -5.9640, 19.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

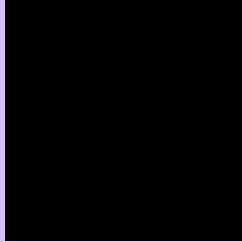
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.3100, -5.9640, 19.9880

Background



This preview shows how black text looks on a background with the YIQ color 206.3100, -5.9640, 19.9880.



This preview shows how white text looks on a background with the YIQ color 206.3100, -5.9640,

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

206.3100, -5.9640, 19.9880

Protanopia

204.0090, -21.4140, 13.6420

Deuteranopia

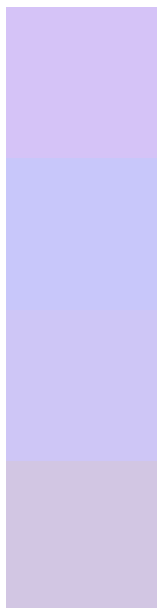
205.2550, -13.2990, 15.2530



Tritanopia

204.2160, -0.3680, 6.6720

Trichromacy



Original Color

206.3100, -5.9640, 19.9880

Protanomaly

205.1130, -15.7750, 16.0730

Deuteranomaly

205.8640, -10.6400, 16.6240

Tritanomaly

204.8940, -2.1570, 11.5630

Monochromacy



Original Color

206.3100, -5.9640, 19.9880

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.2590, -1.9270, 7.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.3100, -5.9640, 19.9880 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(213, 195, 247)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 247)  
}
```

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(213, 195, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 247) }
```

Border

The CSS property to change the border of an element to YIQ 206.3100, -5.9640, 19.9880 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(213, 195, 247) }
```


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

```
.border{ border-color:rgb(213, 195, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 247);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 206.3100, -5.9640, 19.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 247) }
```

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

```
.background{ background-color: rgb(213,  
195, 247) }
```

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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