

Converting Colors

YIQ(200.8390, -0.3240, 16.8920)

Have a look what the booklet for
YIQ(200.8390, -0.3240, 16.8920)
contains.

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Color

**YIQ(200.8390, -0.3240,
16.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BEE6
RGB	211, 190, 230
RGB Percent	83%, 75%, 90%
CMY	0.1725, 0.2549, 0.0981
CMYK	0.08, 0.17, 0.00, 0.10
HSL	272°, 44%, 82%
HSV	272°, 17%, 90%
XYZ	59.5628, 56.3875, 82.6014
YIQ	200.8390, -0.3240, 16.8920

Conversions

Conversions Part 2

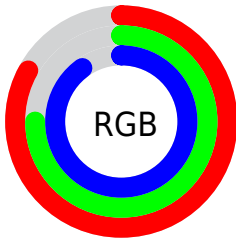
Format	Color
R _Y B	211, 190, 230
Decimal	13876966
CIE Lab	79.83, 14.80, -17.18
CIE LCh	80, 22.670, 310.745
Yxy	56.3875, 0.3000, 0.2840
Android (android.graphics.Color)	4292067046 (0xFFD3BEE6)
YUV	200.8390, 14.3764, 8.9112
Hunter-Lab	75.0916, 10.1760, -12.6554

Details

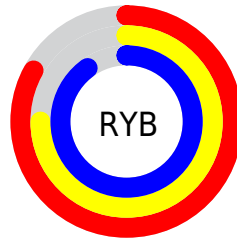
The YIQ color $200.8390, -0.3240, 16.8920$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $219.1610, 0.3240, -16.8920$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.4750, 4.7070$, and $146.8990, -0.5530, 15.5350$ is the 20% darker color. If you saturate the color by 10%, you get $184.0490, -0.5550, 26.5890$, and if you desaturate by 10%, it is $217.6290, -0.0930, 7.1950$.

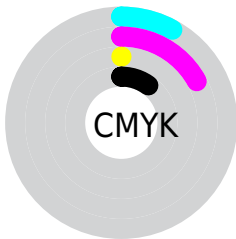
Distribution



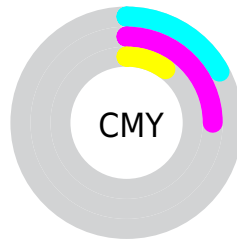
- Red (83%)
- Green (75%)
- Blue (90%)



- Red (83%)
- Yellow (75%)
- Blue (90%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)




- Cyan (17%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.8390, -0.3240, 16.8920 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 200.8390, -0.3240, 16.8920 by changing the saturation by 10% instead.

 200.8390, -0.3240,
16.8920

 200.8390, -0.3240,
16.8920


255.0000, -0.0000,
-0.0000


 173.4260, -0.5990,
16.3690


 249.7170, 2.4750,
4.7070

 146.8990, -0.5530,
15.5350

 120.8990, -0.5530,
15.5350

 96.3720, -0.5070,
14.7010

 71.9590, -0.7820,
14.1780

 49.4320, -0.7360,
13.3440

 28.4920, -0.9650,

11.9870

■ 8.2040, -0.0940,
12.7220

■ 0.0000, 0.0000,
0.0000

■ 200.8390, -0.3240,
16.8920

■ 200.8390, -0.3240,
16.8920

■ 184.0490, -0.5550,
26.5890

■ 217.6290, -0.0930,
7.1950

■ 167.2590, -0.7860,
36.2860

■ 234.4190, 0.1380,
-2.5020

■ 150.4690, -1.0170,
45.9830

■ 248.8610, 1.4690,
-10.1070

■ 133.6790, -1.2480,
55.6800

■ 252.1500, 8.0250,
-7.7750

■ 116.8890, -1.4790,
65.3770

■ 100.3980, -1.1140,
75.2860

■ 83.6080, -1.3450,
84.9830

■ 66.8180, -1.5760,
94.6800

■ 62.3990, -1.7140,
97.1820

Harmonies

Analogous

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



197.9010, -21.2300, 10.3060



200.8390, -0.3240, 16.8920



202.1310, 19.3450, 18.3610

Triad

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



200.8390, -0.3240, 16.8920



198.4040, 30.8570, -3.0550



189.3970, -38.3270, -15.7590

Complementary

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



200.8390, -0.3240, 16.8920



219.1610, 0.3240, -16.8920

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.



191.0860, -21.4540, -18.6860



200.8390, -0.3240, 16.8920



196.1910, 17.9750, -11.8890

Square

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



200.8390, -0.3240, 16.8920



200.1370, 36.4030, 6.5710



193.5630, -0.8680, -17.3160



189.9050, -45.3890, -8.9170

Rectangle

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



200.8390, -0.3240, 16.8920



201.7530, 29.1570, 16.7490



193.5630, -0.8680, -17.3160



189.7950, -33.6960, -17.0880

Sweetspot

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



200.8390, -0.3240, 16.8920



245.5750, -0.0010, 5.5270



205.7130, -18.0650, 2.5030



122.1080, -0.1840, 3.3360



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.



200.8390, -0.3240, 16.8920



215.8270, -0.0500, 22.9420



206.4060, 11.3210, 20.6090



106.1620, -0.2760, 5.0040



48.5120, -1.4350, 75.5970



13.8870, -0.2790, 21.5850

Inverse Universe

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



204.1260, 17.7410, 14.3890



220.1100, 23.8380, 19.5340



213.5940, -11.3210, -20.6090



107.2720, 5.2260, 4.4100



63.2110, 79.3990, 64.3830



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 200.8390, -0.3240, 16.8920 looks on a white background.

Color Contrast Check

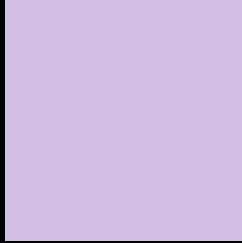
Large Text (above 18pt) WCAG AA × Fail

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 200.8390, -0.3240, 16.8920 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 200.8390, -0.3240, 16.8920

Background



This preview shows how black text looks on a background with the YIQ color 200.8390, -0.3240, 16.8920.



This preview shows how white text looks on a background with the YIQ color 200.8390, -0.3240,

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

200.8390, -0.3240, 16.8920

Protanopia

198.5380, -15.7740, 10.5460

Deuteranopia

199.7950, -6.1920, 13.1040



Tritanopia

199.8960, 3.5290, 7.6330

Trichromacy



Original Color

200.8390, -0.3240, 16.8920

Protanomaly

199.6420, -10.1350, 12.9770

Deuteranomaly

200.1050, -4.1290, 14.2630

Tritanomaly

200.5200, 1.8320, 10.8560

Monochromacy



Original Color

200.8390, -0.3240, 16.8920

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1020, -0.0470, 6.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.8390, -0.3240, 16.8920 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(211, 190, 230)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 230)  
}
```

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(211, 190, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 230) }
```

Border

The CSS property to change the border of an element to YIQ 200.8390, -0.3240, 16.8920 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(211, 190, 230) }
```


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

```
.border{ border-color:rgb(211, 190, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 190, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 190, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 190, 230); box-shadow:4px 4px 4px 4px rgb(211, 190, 230) }
```

Background

The CSS property to change the background color of an element to YIQ 200.8390, -0.3240, 16.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 230) }
```

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

```
.background{ background-color: rgb(211,  
190, 230) }
```

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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