

Converting Colors

YIQ(192.3600, 8.9350, 30.8150)

Have a look what the booklet for
YIQ(192.3600, 8.9350, 30.8150)
contains.

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Color

**YIQ(192.3600, 8.9350,
30.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAAEB
RGB	220, 170, 235
RGB Percent	86%, 67%, 92%
CMY	0.1371, 0.3334, 0.0784
CMYK	0.06, 0.28, 0.00, 0.08
HSL	286°, 62%, 79%
HSV	286°, 28%, 92%
XYZ	58.8932, 49.9616, 85.1339
YIQ	192.3600, 8.9350, 30.8150

Conversions

Conversions Part 2

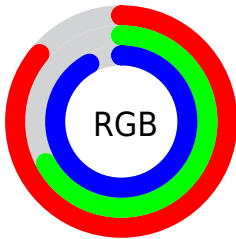
Format	Color
R_{YB}	220, 170, 235
Decimal	14461675
CIE _{Lab}	76.05, 29.52, -25.55
CIE _{LCh}	76, 39.039, 319.117
Yxy	49.9616, 0.3036, 0.2575
Android (android.graphics.Color)	4292651755 (0xFFDCAAEB)
YUV	192.3600, 21.0215, 24.2403
Hunter-Lab	70.6835, 25.0293, -21.9327

Details

The YIQ color $192.3600, 8.9350, 30.8150$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $212.6400, -8.9350, -30.8150$, and the grayscale version is $192.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $138.1210, 8.1100, 29.2460$ is the 20% darker color. If you saturate the color by 10%, you get $176.7770, 12.5550, 42.3070$, and if you desaturate by 10%, it is $207.3560, 5.5900, 19.8460$.

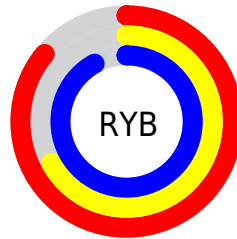
Distribution



Red (86%)

Green (67%)

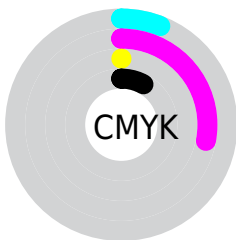
Blue (92%)



Red (86%)

Yellow (67%)

Blue (92%)

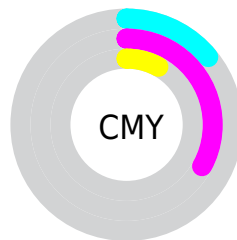


Cyan (6%)

Magenta (28%)

Yellow (0%)

Black (8%)



Cyan (14%)

Magenta (33%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.3600, 8.9350, 30.8150 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 192.3600, 8.9350, 30.8150 by changing the saturation by 10% instead.

192.3600, 8.9350,
30.8150

192.3600, 8.9350,
30.8150

255.0000, -0.0000,
-0.0000

164.9470, 8.6600,
30.2920

237.9770, 7.9750,
15.1670

138.1210, 8.1100,
29.2460

254.4130, 0.2750,
0.5230

112.2950, 7.5600,
28.2000

87.4690, 7.0100,
27.1540

63.0560, 6.7350,
26.6310

40.2300, 6.1850,
25.5850

17.8170, 5.9100,

25.0620

■ 6.6380, -4.3120,
12.0720

■ 0.4560, -1.2840,
1.2440

■ 192.3600, 8.9350,
30.8150

■ 192.3600, 8.9350,
30.8150

■ 176.7770, 12.5550,
42.3070

■ 207.3560, 5.5900,
19.8460

■ 161.4820, 15.3040,
53.0640

■ 223.2380, 2.5660,
8.5660

■ 145.8990, 18.9240,
64.5560

■ 238.2340, -0.7790,
-2.4030

■ 130.6040, 21.6730,
75.3130

■ 248.8330, -1.3280,
-8.9760

■ 115.0210, 25.2930,
86.8050

■ 250.3280, 1.6520,
-7.9160

■ 100.0250, 28.6380,
97.7740

■ 251.8230, 4.6320,
-6.8560

■ 84.1430, 31.6620,
109.0540

■ 252.7200, 6.4200,
-6.2200

■ 80.9090, 32.4410,
111.4570

Harmonies

Analogous

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



188.2180, -29.0720, 20.2720



192.3600, 8.9350, 30.8150



191.9860, 39.2870, 31.4070

Triad

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



192.3600, 8.9350, 30.8150



186.2620, 45.5760, -11.0000



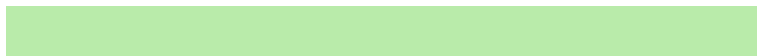
161.8940, -91.5550, -31.2910

Complementary

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



192.3600, 8.9350, 30.8150



212.6400, -8.9350, -30.8150

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.



170.8430, -51.9870, -32.5230



192.3600, 8.9350, 30.8150



182.9550, 21.0950, -24.3850

Square

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



192.3600, 8.9350, 30.8150



188.6310, 58.3190, 5.8630



177.7860, -12.2820, -30.7300



163.3790, -99.8100, -19.3460

Rectangle

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



192.3600, 8.9350, 30.8150



190.4570, 50.8420, 25.7380



177.7860, -12.2820, -30.7300



164.7120, -79.3590, -32.0550

Sweetspot

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



192.3600, 8.9350, 30.8150



241.7650, 2.5200, 9.4000



186.2150, -24.9900, 12.3700



119.4720, 1.7870, 6.1630



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.



192.3600, 8.9350, 30.8150



200.0110, 11.7760, 39.9040



194.9070, 23.3320, 28.7080



109.9450, 1.8330, 5.3290



62.1950, 24.7430, 85.7590



18.4150, 7.1020, 25.4860

Inverse Universe

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



191.1450, 33.9250, 18.4450



198.2820, 43.9650, 23.7170



210.0930, -23.3320, -28.7080



109.5170, 5.9140, 2.9540



58.9070, 94.3940, 51.4340



17.5140, 28.3320, 15.1800

Previews

White Background



This preview shows how the YIQ color 192.3600, 8.9350, 30.8150 looks on a white background.

Color Contrast Check

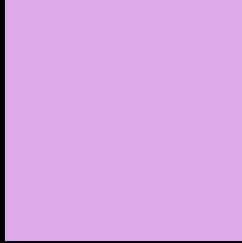
Large Text (above 18pt) WCAG AA × Fail

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 192.3600, 8.9350, 30.8150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

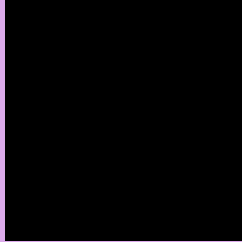
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.3600, 8.9350, 30.8150

Background



This preview shows how black text looks on a background with the YIQ color 192.3600, 8.9350, 30.8150.



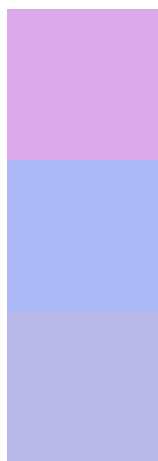
This preview shows how white text looks on a background with the YIQ color 192.3600, 8.9350,

30.8150.

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

192.3600, 8.9350, 30.8150

Protanopia

188.3550, -28.2000, 15.4800

Deuteranopia

189.1730, -16.0040, 14.7160



Tritanopia

190.3600, 16.9620, 11.9860

Trichromacy



Original Color

192.3600, 8.9350, 30.8150



Protanomaly

189.7590, -14.5380, 21.1900



Deuteranomaly

190.2390, -7.2020, 20.3980



Tritanomaly

191.0210, 13.8430, 18.9550

Monochromacy



Original Color

192.3600, 8.9350, 30.8150



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

192.1180, 3.0240, 11.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.3600, 8.9350, 30.8150 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(220, 170, 235)` looks like.

```
.text, #text, p{  
    color:rgb(220, 170, 235)  
}
```

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(220, 170, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 170, 235) }
```

Border

The CSS property to change the border of an element to YIQ 192.3600, 8.9350, 30.8150 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(220, 170, 235) }
```


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

```
.border{ border-color:rgb(220, 170, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 170, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 170, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 170, 235);  
box-shadow:4px 4px 4px 4px rgb(220, 170,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 192.3600, 8.9350, 30.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 170, 235) }
```

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

```
.background{ background-color: rgb(220,  
170, 235) }
```

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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