

Converting Colors

YIQ(190.7100, -3.6740, 33.5580)

Have a look what the booklet for
YIQ(190.7100, -3.6740, 33.5580)
contains.

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Color

**YIQ(190.7100, -3.6740,
33.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AAFC
RGB	208, 170, 252
RGB Percent	82%, 67%, 99%
CMY	0.1842, 0.3334, 0.0118
CMYK	0.17, 0.33, 0.00, 0.01
HSL	268°, 93%, 83%
HSV	268°, 33%, 99%
XYZ	57.9619, 49.1857, 98.5178
YIQ	190.7100, -3.6740, 33.5580

Conversions

Conversions Part 2

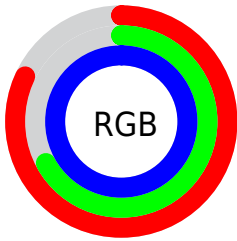
Format	Color
R _{YB}	208, 170, 252
Decimal	13675260
CIE _{Lab}	75.57, 29.32, -35.57
CIE _{LCh}	76, 46.095, 309.502
Yxy	49.1857, 0.2818, 0.2392
Android (android.graphics.Color)	4291865340 (0xFFD0AAFC)
YUV	190.7100, 30.2160, 15.1633
Hunter-Lab	70.1325, 24.7916, -34.1941

Details

The YIQ color $190.7100, -3.6740, 33.5580$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $231.2900, 3.6740, -33.5580$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $136.3570, -4.1780, 31.6780$ is the 20% darker color. If you saturate the color by 10%, you get $172.1480, -4.5470, 43.8770$, and if you desaturate by 10%, it is $209.5710, -2.2050, 23.4510$.

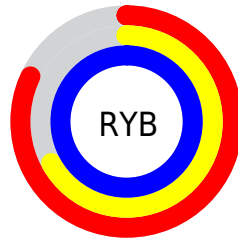
Distribution



Red (82%)

Green (67%)

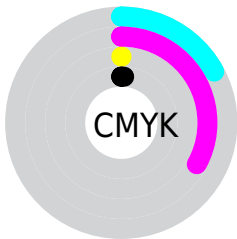
Blue (99%)



Red (82%)

Yellow (67%)

Blue (99%)

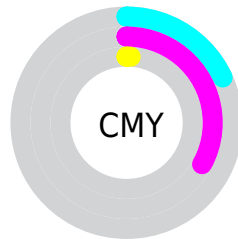


Cyan (17%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (18%)


Magenta (33%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.7100, -3.6740, 33.5580 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 190.7100, -3.6740, 33.5580 by changing the saturation by 10% instead.

 190.7100, -3.6740,
33.5580

 190.7100, -3.6740,
33.5580

255.0000, -0.0000,
-0.0000


 163.1830, -3.6280,
32.7240


 237.9770, 7.9750,
15.1670


 136.3570, -4.1780,
31.6780

254.4130, 0.2750,
0.5230

 110.8300, -4.1320,
30.8440

 85.8900, -4.3610,
29.4870

 61.6510, -5.1860,
27.9180

 38.4120, -6.0110,
26.3490

 15.5860, -6.5610,

25.3030

■ 5.0160, -14.1240,
13.6840

■ 3.0950, -7.3370,
6.3190

■ 190.7100, -3.6740,
33.5580

■ 190.7100, -3.6740,
33.5580

■ 172.1480, -4.5470,
43.8770

■ 209.5710, -2.2050,
23.4510

■ 153.2870, -6.0160,
53.9840

■ 228.1330, -1.3320,
13.1320

■ 134.1380, -6.6140,
64.8260

■ 247.5810, -0.1380,
2.5020

■ 115.2770, -8.0830,
74.9330

■ 254.6580, 0.9630,
-0.9330

■ 96.7150, -8.9560,
85.2520

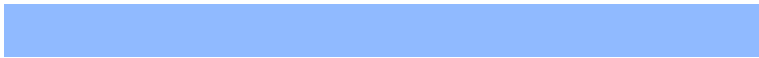
■ 77.8540, -10.4250,
95.3590

■ 63.7110, -11.1600,
103.1760

Harmonies

Analogous

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



181.3080, -47.1810, 12.5550



190.7100, -3.6740, 33.5580



191.0600, 36.4430, 38.8990

Triad

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



190.7100, -3.6740, 33.5580



184.6120, 59.3300, -6.9580



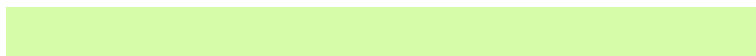
145.3690, -121.3540, -47.4180

Complementary

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



190.7100, -3.6740, 33.5580



231.2900, 3.6740, -33.5580

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.



167.8940, -47.9970, -38.7570



190.7100, -3.6740, 33.5580



181.5560, 35.4000, -24.8240

Square

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



190.7100, -3.6740, 33.5580



184.8540, 65.2410, 12.5770



176.4250, -1.1400, -34.4200



148.1680, -133.3690, -33.4090

Rectangle

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



190.7100, -3.6740, 33.5580



187.0150, 49.5110, 33.3430



176.4250, -1.1400, -34.4200



155.6300, -91.2320, -42.6560

Sweetspot

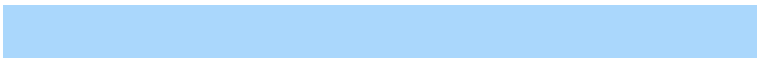
The Sweet Spot groups the original color and five complimentary colors.



190.7100, -3.6740, 33.5580



236.1390, -1.4690, 10.1070



205.7630, -38.6970, 1.9670



115.9170, -0.9640, 6.4600



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.



190.7100, -3.6740, 33.5580



181.0400, -4.3630, 40.5410



202.6700, 20.1660, 42.0380



115.2760, -0.5970, 5.3150



47.8580, -8.2210, 77.4350



15.3260, -2.8930, 24.9070

Inverse Universe

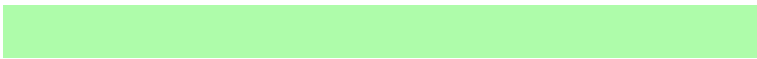
The Inverse Universe completely reimagines the original color for something new.



199.5340, 34.7480, 31.0680



191.6430, 41.9910, 37.4710



219.3300, -20.1660, -42.0380



116.6850, 5.5010, 4.9330



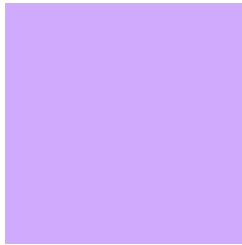
68.0250, 80.2230, 71.4790



22.0010, 25.7630, 23.1950

Previews

White Background



This preview shows how the YIQ color 190.7100, -3.6740, 33.5580 looks on a white background.

Color Contrast Check

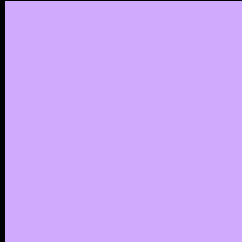
Large Text (above 18pt) WCAG AA × Fail

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 190.7100, -3.6740, 33.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

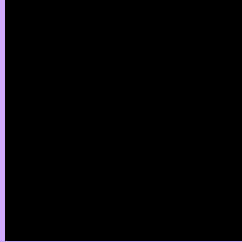
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.7100, -3.6740, 33.5580

Background



This preview shows how black text looks on a background with the YIQ color 190.7100, -3.6740, 33.5580.

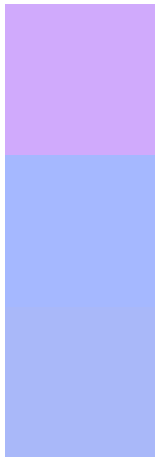


This preview shows how white text looks on a background with the YIQ color 190.7100, -3.6740,

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

190.7100, -3.6740, 33.5580

Protanopia

186.4130, -34.1150, 18.0530

Deuteranopia

186.9250, -29.8050, 17.0350



Tritanopia

187.9780, 6.2340, 8.1700

Trichromacy



Original Color

190.7100, -3.6740, 33.5580



Protanomaly

188.1480, -22.8830, 23.7490



Deuteranomaly

188.2900, -20.4070, 22.9290



Tritanomaly

188.9210, 2.3810, 17.4290

Monochromacy



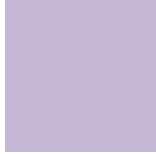
Original Color

190.7100, -3.6740, 33.5580



Achromatopsia

191.0000, -0.0000, -0.0000



Achromatomaly

190.6060, -1.2860, 12.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.7100, -3.6740, 33.5580 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(208, 170, 252)` looks like.

```
.text, #text, p{  
    color:rgb(208, 170, 252)  
}
```

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(208, 170, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 170, 252) }
```

Border

The CSS property to change the border of an element to YIQ 190.7100, -3.6740, 33.5580 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(208, 170, 252) }
```


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

```
.border{ border-color:rgb(208, 170, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 170, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 170, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 170, 252);  
box-shadow:4px 4px 4px 4px rgb(208, 170,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 190.7100, -3.6740, 33.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 170, 252) }
```

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

```
.background{ background-color: rgb(208,  
170, 252) }
```

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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