

Converting Colors

YIQ(190.5960, -3.3530, 33.2470)

Have a look what the booklet for
YIQ(190.5960, -3.3530, 33.2470)
contains.

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Color

**YIQ(190.5960, -3.3530,
33.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AAFB
RGB	208, 170, 251
RGB Percent	82%, 67%, 98%
CMY	0.1842, 0.3334, 0.0158
CMYK	0.17, 0.32, 0.00, 0.02
HSL	268°, 91%, 83%
HSV	268°, 32%, 98%
XYZ	57.8038, 49.1225, 97.6858
YIQ	190.5960, -3.3530, 33.2470

Conversions

Conversions Part 2

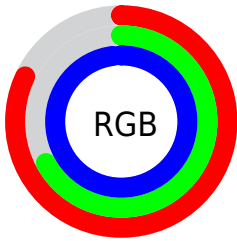
Format	Color
R _Y B	208, 170, 251
Decimal	13675259
CIE Lab	75.53, 29.10, -35.09
CIE LCh	76, 45.588, 309.674
Yxy	49.1225, 0.2825, 0.2401
Android (android.graphics.Color)	4291865339 (0xFFD0AAFB)
YUV	190.5960, 29.7792, 15.2633
Hunter-Lab	70.0874, 24.5629, -33.5754

Details

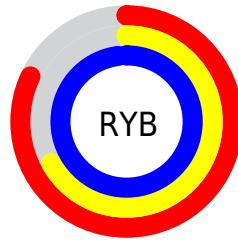
The YIQ color $190.5960, -3.3530, 33.2470$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $230.4040, 3.3530, -33.2470$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $136.2430, -3.8570, 31.3670$ is the 20% darker color. If you saturate the color by 10%, you get $172.0340, -4.2260, 43.5660$, and if you desaturate by 10%, it is $209.1580, -2.4800, 22.9280$.

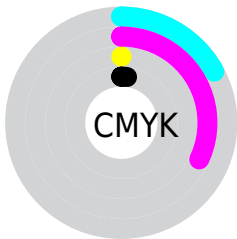
Distribution



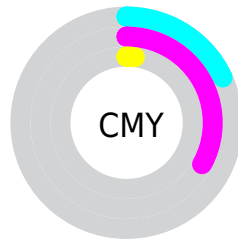
- Red (82%)
- Green (67%)
- Blue (98%)



- Red (82%)
- Yellow (67%)
- Blue (98%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.5960, -3.3530, 33.2470 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 190.5960, -3.3530, 33.2470 by changing the saturation by 10% instead.

190.5960, -3.3530,
33.2470

190.5960, -3.3530,
33.2470

255.0000, -0.0000,
-0.0000

163.0690, -3.3070,
32.4130

237.9770, 7.9750,
15.1670

136.5420, -3.2610,
31.5790

254.4130, 0.2750,
0.5230

110.7160, -3.8110,
30.5330

85.7760, -4.0400,
29.1760

61.5370, -4.8650,
27.6070

38.2980, -5.6900,
26.0380

15.5860, -6.5610,

25.3030

■ 4.9020, -13.8030,
13.3730

■ 2.9810, -7.0160,
6.0080

■ 190.5960, -3.3530,
33.2470

■ 190.5960, -3.3530,
33.2470

■ 172.0340, -4.2260,
43.5660

■ 209.1580, -2.4800,
22.9280

■ 153.1730, -5.6950,
53.6730

■ 228.0190, -1.0110,
12.8210

■ 134.6110, -6.5680,
63.9920

■ 246.5810, -0.1380,
2.5020

■ 116.0490, -7.4410,
74.3110

■ 254.5440, 1.2840,
-1.2440

■ 96.9000, -8.0390,
85.1530

■ 78.0390, -9.5080,
95.2600

■ 63.8960, -10.2430,
103.0770

Harmonies

Analogous

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



181.6070, -46.5850, 12.7670



190.5960, -3.3530, 33.2470



191.2340, 35.8930, 37.8530

Triad

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



190.5960, -3.3530, 33.2470



185.1990, 59.0550, -7.4810



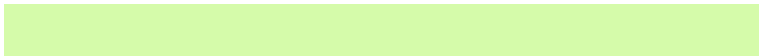
144.7820, -121.0790, -46.8950

Complementary

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



190.5960, -3.3530, 33.2470



230.4040, 3.3530, -33.2470

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



190.5960, -3.3530, 33.2470



181.3710, 34.4830, -24.7250

Square

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



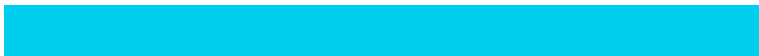
190.5960, -3.3530, 33.2470



185.4410, 64.9660, 12.0540



176.5390, -1.4610, -34.1090



148.0540, -133.0480, -33.7200

Rectangle

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



190.5960, -3.3530, 33.2470



186.9010, 49.8320, 33.0320



176.5390, -1.4610, -34.1090



156.5270, -89.4440, -42.0200

Sweetspot

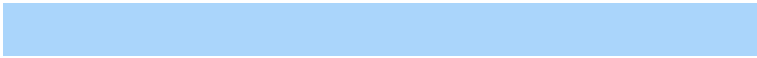
The Sweet Spot groups the original color and five complimentary colors.



190.5960, -3.3530, 33.2470



236.1390, -1.4690, 10.1070



204.4750, -37.8260, 2.7020



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.



190.5960, -3.3530, 33.2470



181.0400, -4.3630, 40.5410



202.5560, 20.4870, 41.7270



115.2760, -0.5970, 5.3150



48.1570, -7.6250, 77.6470



15.6250, -2.2970, 25.1190

Inverse Universe

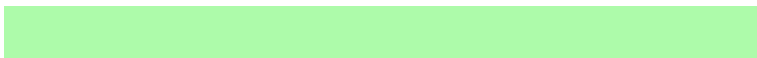
The Inverse Universe completely reimagines the original color for something new.



199.1210, 34.4730, 30.5450



191.5290, 42.3120, 37.1600



218.4440, -20.4870, -41.7270



116.6850, 5.5010, 4.9330



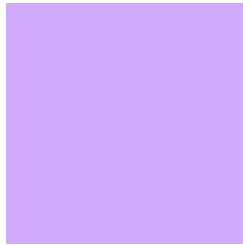
67.9110, 80.5440, 71.1680



21.8870, 26.0840, 22.8840

Previews

White Background



This preview shows how the YIQ color 190.5960, -3.3530, 33.2470 looks on a white background.

Color Contrast Check

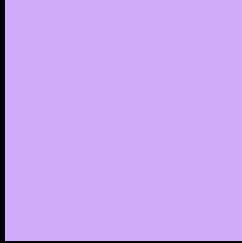
Large Text (above 18pt) WCAG AA × Fail

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 190.5960, -3.3530, 33.2470 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 190.5960, -3.3530, 33.2470

Background



This preview shows how black text looks on a background with the YIQ color 190.5960, -3.3530, 33.2470.



This preview shows how white text looks on a background with the YIQ color 190.5960, -3.3530,

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

190.5960, -3.3530, 33.2470

Protanopia

186.4130, -34.1150, 18.0530

Deuteranopia

186.5230, -28.6130, 17.4590



Tritanopia

187.9780, 6.2340, 8.1700

Trichromacy



Original Color

190.5960, -3.3530, 33.2470

Protanomaly

188.1480, -22.8830, 23.7490

Deuteranomaly

187.8880, -19.2150, 23.3530

Tritanomaly

188.8070, 2.7020, 17.1180

Monochromacy



Original Color

190.5960, -3.3530, 33.2470

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 190.5960, -3.3530, 33.2470 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 170, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 170, 251) }
```

Border

The CSS property to change the border of an element to YIQ 190.5960, -3.3530, 33.2470 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, 251) }
```


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

```
.border{ border-color:rgb(208, 170, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 170, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 170, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 170,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 190.5960, -3.3530, 33.2470 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, 251) }
```

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

```
.background{ background-color: rgb(208,  
170, 251) }
```

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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