

Converting Colors

YIQ(190.9470, 8.6600, 30.2920)

Have a look what the booklet for
YIQ(190.9470, 8.6600, 30.2920)
contains.

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Color

**YIQ(190.9470, 8.6600,
30.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA9E9
RGB	218, 169, 233
RGB Percent	85%, 66%, 91%
CMY	0.1449, 0.3373, 0.0863
CMYK	0.06, 0.27, 0.00, 0.09
HSL	286°, 59%, 79%
HSV	286°, 27%, 91%
XYZ	57.8170, 49.1629, 83.5300
YIQ	190.9470, 8.6600, 30.2920

Conversions

Conversions Part 2

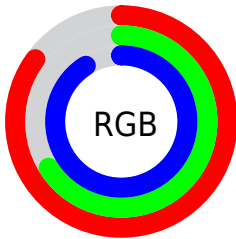
Format	Color
R _Y B	218, 169, 233
Decimal	14330345
CIE Lab	75.55, 29.03, -25.24
CIE LCh	76, 38.466, 318.996
Yxy	49.1629, 0.3035, 0.2581
Android (android.graphics.Color)	4292520425 (0xFFDAA9E9)
YUV	190.9470, 20.7321, 23.7255
Hunter-Lab	70.1162, 24.4854, -21.5512

Details

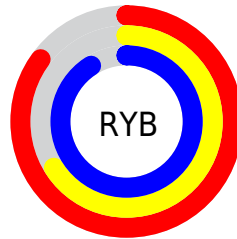
The YIQ color $190.9470, 8.6600, 30.2920$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $211.0530, -8.6600, -30.2920$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.3900, 8.2500, 15.6900$, and $136.7080, 7.8350, 28.7230$ is the 20% darker color. If you saturate the color by 10%, you get $175.9510, 12.0050, 41.2610$, and if you desaturate by 10%, it is $205.9430, 5.3150, 19.3230$.

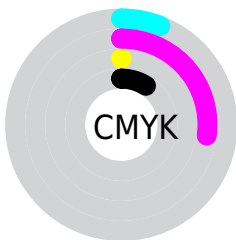
Distribution



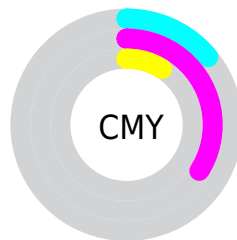
- Red (85%)
- Green (66%)
- Blue (91%)



- Red (85%)
- Yellow (66%)
- Blue (91%)



- Cyan (6%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (34%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.9470, 8.6600, 30.2920 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 190.9470, 8.6600, 30.2920 by changing the saturation by 10% instead.

190.9470, 8.6600,
30.2920

190.9470, 8.6600,
30.2920

255.0000, -0.0000,
-0.0000

163.5340, 8.3850,
29.7690

237.3900, 8.2500,
15.6900

136.7080, 7.8350,
28.7230

253.8260, 0.5500,
1.0460

111.1810, 7.8810,
27.8890

86.3550, 7.3310,
26.8430

62.5290, 6.7810,
25.7970

38.8170, 5.9100,
25.0620

16.9910, 5.3600,

24.0160

■ 5.0290, -6.9710,
10.7010

■ 0.1140, -0.3210,
0.3110

■ 190.9470, 8.6600,
30.2920

■ 190.9470, 8.6600,
30.2920

■ 175.9510, 12.0050,
41.2610

■ 205.9430, 5.3150,
19.3230

■ 160.0690, 15.0290,
52.5410

■ 221.8250, 2.2910,
8.0430

■ 145.0730, 18.3740,
63.5100

■ 236.8210, -1.0540,
-2.9260

■ 129.7780, 21.1230,
74.2670

■ 248.0070, -1.8780,
-10.0220

■ 114.1950, 24.7430,
85.7590

■ 249.5020, 1.1020,
-8.9620

■ 98.9000, 27.4920,
96.5160

■ 251.2960, 4.6780,
-7.6900

■ 83.9040, 30.8370,
107.4850

■ 252.4920, 7.0620,
-6.8420

■ 80.0830, 31.8910,
110.4110

Harmonies

Analogous

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



187.1040, -28.7510, 19.9610



190.9470, 8.6600, 30.2920



190.6870, 38.6910, 31.1950

Triad

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



190.9470, 8.6600, 30.2920



184.7890, 45.5300, -10.1660



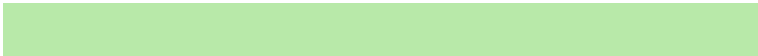
161.3890, -88.5750, -30.2310

Complementary

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



190.9470, 8.6600, 30.2920



211.0530, -8.6600, -30.2920

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.



169.7400, -50.1990, -31.8870



190.9470, 8.6600, 30.2920



181.4820, 21.0490, -23.5510

Square

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



190.9470, 8.6600, 30.2920



186.8590, 57.6770, 6.4850



177.0850, -11.6860, -30.5180



163.4610, -97.1050, -18.8090

Rectangle

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



190.9470, 8.6600, 30.2920



189.7560, 51.4380, 25.9500



177.0850, -11.6860, -30.5180



163.9080, -76.9750, -31.2070

Sweetspot

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



190.9470, 8.6600, 30.2920



241.7650, 2.5200, 9.4000



185.6880, -24.9440, 11.5360



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.



190.9470, 8.6600, 30.2920



199.7120, 11.1800, 39.6920



193.6080, 22.7360, 28.4960



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.



189.8460, 33.3290, 18.2330



198.3960, 43.6440, 24.0280



208.3920, -22.7360, -28.4960



109.5170, 5.9140, 2.9540



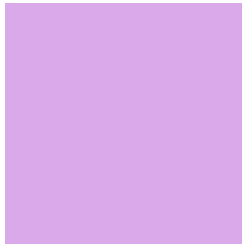
58.9070, 94.3940, 51.4340



17.6280, 28.0110, 15.4910

Previews

White Background



This preview shows how the YIQ color 190.9470, 8.6600, 30.2920 looks on a white background.

Color Contrast Check

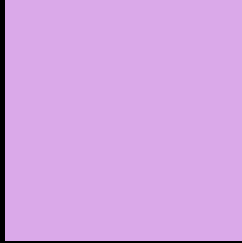
Large Text (above 18pt) WCAG AA × Fail

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 190.9470, 8.6600, 30.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

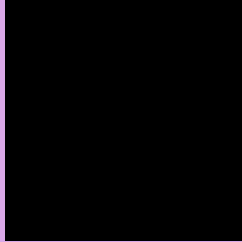
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.9470, 8.6600, 30.2920

Background



This preview shows how black text looks on a background with the YIQ color 190.9470, 8.6600, 30.2920.



This preview shows how white text looks on a background with the YIQ color 190.9470, 8.6600,

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

190.9470, 8.6600, 30.2920

Protanopia

186.6540, -27.6040, 15.6920

Deuteranopia

188.0590, -15.6830, 14.4050



Tritanopia

189.0610, 16.3660, 11.7740

Trichromacy



Original Color

190.9470, 8.6600, 30.2920

Protanomaly

188.3460, -14.8130, 20.6670

Deuteranomaly

189.1250, -6.8810, 20.0870

Tritanomaly

189.6080, 13.5680, 18.4320

Monochromacy



Original Color

190.9470, 8.6600, 30.2920

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0040, 3.3450, 10.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.9470, 8.6600, 30.2920 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(218, 169, 233)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 233)  
}
```

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(218, 169, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 233) }
```

Border

The CSS property to change the border of an element to YIQ 190.9470, 8.6600, 30.2920 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(218, 169, 233) }
```


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

```
.border{ border-color:rgb(218, 169, 233) }
```

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

Here you see how a box with a 4 pixel rgb(218, 169, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 233);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 190.9470, 8.6600, 30.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 233) }
```

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

```
.background{ background-color: rgb(218,  
169, 233) }
```

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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