

# Converting Colors

YIQ(191.5060, 5.5880, 30.9000)

Have a look what the booklet for  
YIQ(191.5060, 5.5880, 30.9000)  
contains.

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# Color

**YIQ(191.5060, 5.5880,  
30.9000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8AAEE
RGB	216, 170, 238
RGB Percent	85%, 67%, 93%
CMY	0.1528, 0.3334, 0.0667
CMYK	0.09, 0.29, 0.00, 0.07
HSL	281°, 67%, 80%
HSV	281°, 29%, 93%
XYZ	58.1329, 49.5197, 87.3772
YIQ	191.5060, 5.5880, 30.9000

# Conversions

## Conversions Part 2

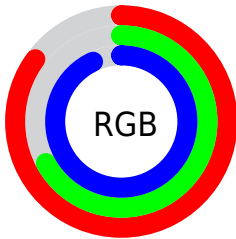
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 170, 238
Decimal	14199534
CIE <sub>Lab</sub>	75.77, 28.85, -27.63
CIE <sub>LCh</sub>	76, 39.941, 316.239
Y <sub>xy</sub>	49.5197, 0.2981, 0.2539
Android (android.graphics.Color)	4292389614 (0xFFD8AAEE)
Y <sub>UV</sub>	191.5060, 22.9215, 21.4812
Hunter-Lab	70.3702, 24.3112, -24.3600

# Details

The YIQ color **191.5060, 5.5880, 30.9000** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **216.4940, -5.5880, -30.9000**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.9770, 7.9750, 15.1670**, and **137.2670, 4.7630, 29.3310** is the 20% darker color. If you saturate the color by 10%, you get **175.0260, 7.4200, 41.7560**, and if you desaturate by 10%, it is **207.9860, 3.7560, 20.0440**.

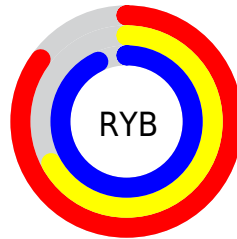
# Distribution



Red (85%)

Green (67%)

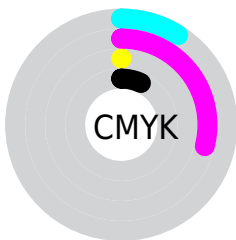
Blue (93%)



Red (85%)

Yellow (67%)

Blue (93%)

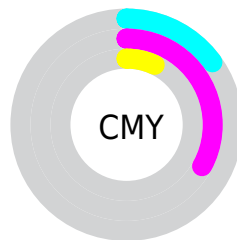


Cyan (9%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (15%)

Magenta (33%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 191.5060, 5.5880, 30.9000 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 191.5060, 5.5880, 30.9000 by changing the saturation by 10% instead.



191.5060, 5.5880,  
30.9000

191.5060, 5.5880,  
30.9000

255.0000, -0.0000,  
-0.0000

164.0930, 5.3130,  
30.3770

237.9770, 7.9750,  
15.1670

137.2670, 4.7630,  
29.3310

254.4130, 0.2750,  
0.5230

111.7400, 4.8090,  
28.4970

86.9140, 4.2590,  
27.4510

62.9740, 4.0300,  
26.0940

39.2620, 3.1590,  
25.3590

16.8490, 2.8840,

24.8360

■ 4.7730, -9.1260,  
11.2100

■ 0.9120, -2.5680,  
2.4880

■ 191.5060, 5.5880,  
30.9000

■ 191.5060, 5.5880,  
30.9000

■ 175.0260, 7.4200,  
41.7560

■ 207.9860, 3.7560,  
20.0440

■ 158.8450, 9.8480,  
52.8240

■ 224.1670, 1.3280,  
8.9760

■ 142.9520, 11.4050,  
63.1570

■ 240.0600, -0.2290,  
-1.3570

■ 126.4720, 13.2370,  
74.0130

■ 250.6700, 0.6890,  
-6.9830

■ 110.2910, 15.6650,  
85.0810

■ 252.7630, 4.8610,  
-5.4990

■ 93.8110, 17.4970,  
95.9370

■ 253.0620, 5.4570,  
-5.2870

■ 77.3310, 19.3290,  
106.7930

■ 75.2710, 19.5580,  
108.1500

# Harmonies

## Analogous

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



186.1250, -33.2440, 18.7880



191.5060, 5.5880, 30.9000



191.4420, 38.0030, 32.6510

# Triad

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



191.5060, 5.5880, 30.9000



185.7570, 48.5560, -9.9400



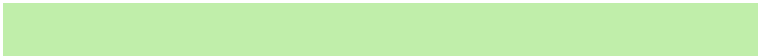
159.3560, -92.9760, -33.0720

# Complementary

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



191.5060, 5.5880, 30.9000



216.4940, -5.5880, -30.9000

# 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.



170.2840, -48.9150, -33.1310



191.5060, 5.5880, 30.9000



182.3360, 24.3960, -23.6360

# Square

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



191.5060, 5.5880, 30.9000



187.5820, 60.0150, 8.1670



177.6400, -8.9350, -30.8150



158.6660, -108.1080, -23.1480



# Rectangle

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



191.5060, 5.5880, 30.9000



189.5110, 50.7500, 27.4060



177.6400, -8.9350, -30.8150



163.8430, -78.3500, -33.8220

# Sweetspot

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



191.5060, 5.5880, 30.9000



239.4060, 2.1530, 10.5450



191.2530, -28.1530, 9.1190



117.7000, 1.1450, 6.7850



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.



191.5060, 5.5880, 30.9000



195.5590, 7.2370, 39.5650



196.8300, 22.2310, 32.1430



111.7600, 0.9160, 5.4280



58.0520, 14.8400, 83.5120



17.7460, 4.6720, 25.4720



# Inverse Universe

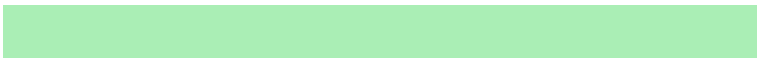
The Inverse Universe completely reimagines the original color for something new.



192.8400, 33.4660, 21.2580



197.2050, 42.8640, 27.1520



211.1700, -22.2310, -32.1430



112.0440, 5.8680, 3.7880



61.7420, 90.7250, 57.3570

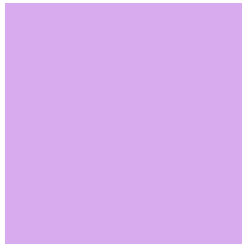


18.7960, 27.5980, 17.4700



# Previews

## White Background



This preview shows how the YIQ color 191.5060, 5.5880, 30.9000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

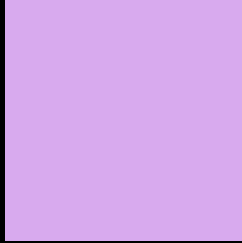
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 191.5060, 5.5880, 30.9000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

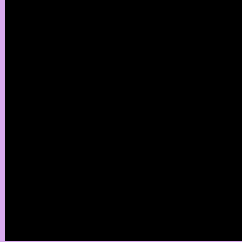
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 191.5060, 5.5880, 30.9000

## Background



This preview shows how black text looks on a background with the YIQ color 191.5060, 5.5880, 30.9000.



This preview shows how white text looks on a background with the YIQ color 191.5060, 5.5880,

30.9000.

# 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

191.5060, 5.5880, 30.9000

### Protanopia

187.5120, -30.0800, 16.5120

### Deuteranopia

188.0310, -18.4800, 15.5360



## Tritanopia

189.5660, 13.3860, 10.7140

# Trichromacy



## Original Color

191.5060, 5.5880, 30.9000



## Protanomaly

189.2040, -17.2890, 21.4870



## Deuteranomaly

189.0970, -9.6780, 21.2180



## Tritanomaly

190.5260, 10.8630, 17.8950

# Monochromacy



## Original Color

191.5060, 5.5880, 30.9000



## Achromatopsia

192.0000, -0.0000, 0.0000



## Achromatomaly

191.9330, 2.1070, 11.3790

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 191.5060, 5.5880, 30.9000 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(216, 170, 238)` looks like.

```
.text, #text, p{  
    color:rgb(216, 170, 238)  
}
```

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(216, 170, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 170, 238) }
```

## Border

The CSS property to change the border of an element to YIQ 191.5060, 5.5880, 30.9000 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(216, 170, 238) }
```



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

```
.border{ border-color:rgb(216, 170, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 170, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 170, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 170, 238); box-shadow:4px 4px 4px 4px rgb(216, 170, 238) }
```

# Background

The CSS property to change the background color of an element to YIQ 191.5060, 5.5880, 30.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 170, 238) }
```

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

```
.background{ background-color: rgb(216,  
170, 238) }
```

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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