

Converting Colors

YIQ(187.0600, 0.9120, 27.5360)

Have a look what the booklet for
YIQ(187.0600, 0.9120, 27.5360)
contains.

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Color

**YIQ(187.0600, 0.9120,
27.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA9E9
RGB	205, 169, 233
RGB Percent	80%, 66%, 91%
CMY	0.1959, 0.3373, 0.0863
CMYK	0.12, 0.27, 0.00, 0.09
HSL	274°, 59%, 79%
HSV	274°, 27%, 91%
XYZ	54.0772, 47.2366, 83.3494
YIQ	187.0600, 0.9120, 27.5360

Conversions

Conversions Part 2

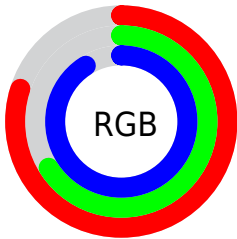
Format	Color
R _Y B	205, 169, 233
Decimal	13478377
CIE Lab	74.34, 24.91, -27.19
CIE LCh	74, 36.881, 312.492
Yxy	47.2366, 0.2928, 0.2558
Android (android.graphics.Color)	4291668457 (0xFFCDA9E9)
YUV	187.0600, 22.6484, 15.7334
Hunter-Lab	68.7289, 20.1716, -23.7924

Details

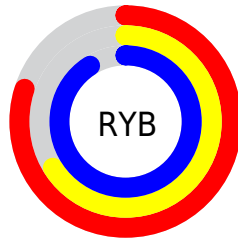
The YIQ color $187.0600, 0.9120, 27.5360$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $214.9400, -0.9120, -27.5360$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $236.8030, 8.5250, 16.2130$, and $133.7070, 0.4080, 25.6560$ is the 20% darker color. If you saturate the color by 10%, you get $170.5690, 1.2770, 37.4450$, and if you desaturate by 10%, it is $203.5510, 0.5470, 17.6270$.

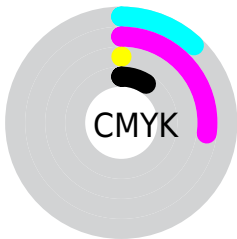
Distribution



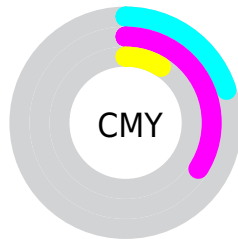
- Red (80%)
- Green (66%)
- Blue (91%)



- Red (80%)
- Yellow (66%)
- Blue (91%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (34%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.0600, 0.9120, 27.5360 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 187.0600, 0.9120, 27.5360 by changing the saturation by 10% instead.

■ 187.0600, 0.9120,
27.5360

■ 187.0600, 0.9120,
27.5360

■ 255.0000, -0.0000,
-0.0000

■ 159.6470, 0.6370,
27.0130

■ 236.8030, 8.5250,
16.2130

■ 133.7070, 0.4080,
25.6560

■ 253.8260, 0.5500,
1.0460

■ 108.1800, 0.4540,
24.8220

■ 83.3540, -0.0960,
23.7760

■ 59.5280, -0.6460,
22.7300

■ 37.0010, -0.6000,
21.8960

■ 14.3000, -0.0040,

22.1080

■ 4.0070, -9.9050,
8.8070

■ 0.0000, 0.0000,
0.0000

■ 187.0600, 0.9120,
27.5360

■ 187.0600, 0.9120,
27.5360

■ 170.5690, 1.2770,
37.4450

■ 203.5510, 0.5470,
17.6270

■ 153.4910, 1.9170,
47.8770

■ 220.6290, -0.0930,
7.1950

■ 137.0000, 2.2820,
57.7860

■ 237.4190, 0.1380,
-2.5020

■ 120.2100, 2.0510,
67.4830

■ 249.8010, 1.6980,
-8.7500

■ 103.1320, 2.6910,
77.9150

■ 252.4920, 7.0620,
-6.8420

■ 86.6410, 3.0560,
87.8240

■ 70.1500, 3.4210,
97.7330

■ 65.7310, 3.2830,
100.2350

Harmonies

Analogous

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



181.8750, -35.5360, 16.2720



187.0600, 0.9120, 27.5360



187.4520, 32.0430, 30.5310

Triad

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



187.0600, 0.9120, 27.5360



182.3810, 46.8590, -6.7170



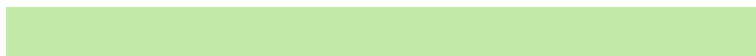
161.5600, -75.8750, -29.1150

Complementary

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



187.0600, 0.9120, 27.5360



214.9400, -0.9120, -27.5360

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.



169.5410, -39.3330, -30.5730



187.0600, 0.9120, 27.5360



179.2270, 26.3210, -19.9750

Square

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



187.0600, 0.9120, 27.5360



184.4830, 55.9800, 9.7080



174.9720, -3.9380, -27.7620



160.7450, -92.1530, -20.4490

Rectangle

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



187.0600, 0.9120, 27.5360



186.6460, 45.9360, 26.5440



174.9720, -3.9380, -27.7620



164.1930, -64.5960, -29.7800

Sweetspot

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



187.0600, 0.9120, 27.5360



240.5690, 0.1360, 8.5520



193.3190, -28.5190, 4.7370



118.5750, -0.0010, 5.5270



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.



187.0600, 0.9120, 27.5360



194.6290, 1.0480, 36.0880



195.0900, 18.5630, 32.5390



109.0480, 0.0450, 4.6930



51.1320, 2.6910, 77.9150



15.1260, 0.5460, 23.1540

Inverse Universe

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



191.3280, 29.1560, 22.2760



200.3340, 38.1870, 29.3150



206.9100, -18.5630, -32.5390



109.8590, 4.9510, 3.8870



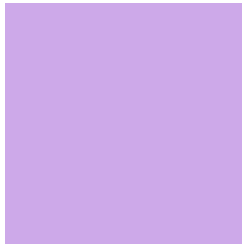
63.1250, 82.5170, 62.9410



18.7680, 24.8010, 18.6010

Previews

White Background



This preview shows how the YIQ color 187.0600, 0.9120, 27.5360 looks on a white background.

Color Contrast Check

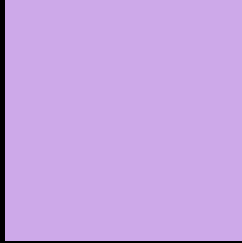
Large Text (above 18pt) WCAG AA × Fail

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 187.0600, 0.9120, 27.5360 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 187.0600, 0.9120, 27.5360

Background



This preview shows how black text looks on a background with the YIQ color 187.0600, 0.9120, 27.5360.



This preview shows how white text looks on a background with the YIQ color 187.0600, 0.9120,

27.5360.

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

187.0600, 0.9120, 27.5360

Protanopia

183.4690, -28.5210, 15.7910

Deuteranopia

184.0310, -18.4800, 15.5360



Tritanopia

184.8750, 8.0220, 8.8060

Trichromacy



Original Color

187.0600, 0.9120, 27.5360

Protanomaly

184.9650, -18.1140, 19.9180

Deuteranomaly

185.0860, -11.1450, 20.2710

Tritanomaly

185.7210, 5.8200, 15.6760

Monochromacy



Original Color

187.0600, 0.9120, 27.5360

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9220, 0.6400, 10.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0600, 0.9120, 27.5360 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(205, 169, 233)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 169, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 169, 233) }
```

Border

The CSS property to change the border of an element to YIQ 187.0600, 0.9120, 27.5360 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(205, 169, 233) }
```


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

```
.border{ border-color:rgb(205, 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(205, 169, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 169, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 169, 233);  
box-shadow:4px 4px 4px 4px rgb(205, 169,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0600, 0.9120, 27.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 169, 233) }
```

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

```
.background{ background-color: rgb(205,  
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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