

Converting Colors

YIQ(187.9030, 11.9600, 36.5680)

Have a look what the booklet for
YIQ(187.9030, 11.9600, 36.5680)
contains.

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Color

**YIQ(187.9030, 11.9600,
36.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA1ED
RGB	222, 161, 237
RGB Percent	87%, 63%, 93%
CMY	0.1292, 0.3687, 0.0706
CMYK	0.06, 0.32, 0.00, 0.07
HSL	288°, 68%, 78%
HSV	288°, 32%, 93%
XYZ	58.1653, 47.1324, 86.1504
YIQ	187.9030, 11.9600, 36.5680

Conversions

Conversions Part 2

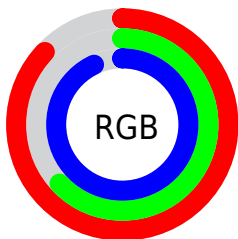
Format	Color
R _{YB}	222, 161, 237
Decimal	14590445
CIE _{Lab}	74.27, 35.39, -29.34
CIE _{LCh}	74, 45.966, 320.341
Yxy	47.1324, 0.3038, 0.2462
Android (android.graphics.Color)	4292780525 (0xFFDEA1ED)
YUV	187.9030, 24.2048, 29.9031
Hunter-Lab	68.6531, 31.0886, -26.3438

Details

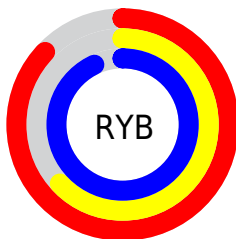
The YIQ color **187.9030, 11.9600, 36.5680** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **210.0970, -11.9600, -36.5680**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1070, 10.7250, 20.3970**, and **133.6640, 11.1350, 34.9990** is the 20% darker color. If you saturate the color by 10%, you get **172.3200, 15.5800, 48.0600**, and if you desaturate by 10%, it is **203.4860, 8.3400, 25.0760**.

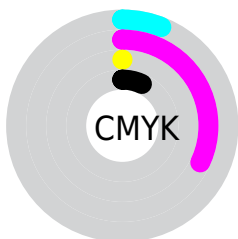
Distribution



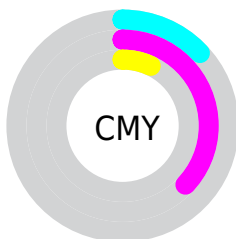
- Red (87%)
- Green (63%)
- Blue (93%)



- Red (87%)
- Yellow (63%)
- Blue (93%)



- Cyan (6%)
- Magenta (32%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (37%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.9030, 11.9600, 36.5680 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 187.9030, 11.9600, 36.5680 by changing the saturation by 10% instead.

187.9030, 11.9600,
36.5680

187.9030, 11.9600,
36.5680

255.0000, -0.0000,
-0.0000

160.4900, 11.6850,
36.0450

232.1070, 10.7250,
20.3970

133.6640, 11.1350,
34.9990

249.1300, 2.7500,
5.2300

107.8380, 10.5850,
33.9530

83.0120, 10.0350,
32.9070

58.1860, 9.4850,
31.8610

32.7130, 9.4390,
32.6950

17.9310, 5.5890,

25.3730

■ 5.2570, -7.6130,
11.3230

■ 0.5700, -1.6050,
1.5550

■ 187.9030, 11.9600,
36.5680

■ 187.9030, 11.9600,
36.5680

■ 172.3200, 15.5800,
48.0600

■ 203.4860, 8.3400,
25.0760

■ 157.6230, 19.5210,
59.2410

■ 218.1830, 4.3990,
13.8950

■ 142.0400, 23.1410,
70.7330

■ 233.7660, 0.7790,
2.4030

■ 126.4570, 26.7610,
82.2250

■ 248.7620, -2.5660,
-8.5660

■ 111.1730, 30.9770,
93.9290

■ 249.9580, -0.1820,
-7.7180

■ 96.1770, 34.3220,
104.8980

■ 251.4530, 2.7980,
-6.6580

■ 83.8280, 37.1630,
113.9870

■ 252.9480, 5.7780,
-5.5980

Harmonies

Analogous

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



182.6030, -31.5940, 21.9260



187.9030, 11.9600, 36.5680



186.8670, 47.1720, 37.1880

Triad

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



187.9030, 11.9600, 36.5680



180.0900, 51.8120, -13.8840



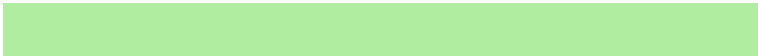
144.3890, -124.1060, -41.5940

Complementary

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



187.9030, 11.9600, 36.5680



210.0970, -11.9600, -36.5680

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.



159.1180, -69.1790, -40.3390



187.9030, 11.9600, 36.5680



176.2770, 22.8840, -29.2760

Square

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



187.9030, 11.9600, 36.5680



183.1220, 67.1220, 6.0180



170.7590, -16.8200, -36.5960



145.5580, -134.2870, -27.7830

Rectangle

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



187.9030, 11.9600, 36.5680



182.9740, 56.7560, 28.6920



170.7590, -16.8200, -36.5960



142.6790, -119.2910, -46.2590

Sweetspot

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



187.9030, 11.9600, 36.5680



238.8300, 3.8950, 12.0150



178.4690, -28.5210, 15.7910



117.4120, 2.0160, 7.5200



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.



187.9030, 11.9600, 36.5680



192.3800, 15.3510, 46.7030



189.7660, 28.2830, 32.5950



109.9450, 1.8330, 5.3290



63.9890, 28.3190, 87.0310



19.0130, 8.2940, 25.9100

Inverse Universe

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



185.4340, 40.4810, 20.7770



189.1690, 51.7130, 26.4730



208.2340, -28.2830, -32.5950



109.5170, 5.9140, 2.9540



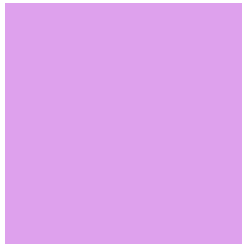
58.2230, 96.3200, 49.5680



17.4000, 28.6530, 14.8690

Previews

White Background



This preview shows how the YIQ color 187.9030, 11.9600, 36.5680 looks on a white background.

Color Contrast Check

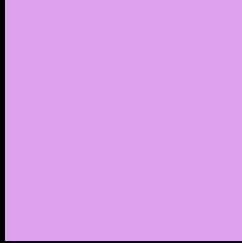
Large Text (above 18pt) WCAG AA × Fail

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 187.9030, 11.9600, 36.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

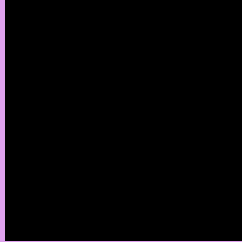
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.9030, 11.9600, 36.5680

Background



This preview shows how black text looks on a background with the YIQ color 187.9030, 11.9600, 36.5680.



This preview shows how white text looks on a background with the YIQ color 187.9030, 11.9600,

36.5680.

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

187.9030, 11.9600, 36.5680

Protanopia

182.8260, -33.8400, 18.5760

Deuteranopia

184.2480, -20.5890, 15.2110



Tritanopia

185.4530, 21.1340, 13.4700

Trichromacy



Original Color

187.9030, 11.9600, 36.5680



Protanomaly

184.7250, -17.1980, 25.3460



Deuteranomaly

185.3360, -8.8530, 22.7870



Tritanomaly

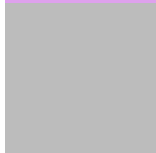
186.1680, 17.9230, 22.1070

Monochromacy



Original Color

187.9030, 11.9600, 36.5680



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.7700, 4.1240, 13.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.9030, 11.9600, 36.5680 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(222, 161, 237)` looks like.

```
.text, #text, p{  
    color:rgb(222, 161, 237)  
}
```

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(222, 161, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 161, 237) }
```

Border

The CSS property to change the border of an element to YIQ 187.9030, 11.9600, 36.5680 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(222, 161, 237) }
```


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

```
.border{ border-color:rgb(222, 161, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 161, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 161, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 161, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 161,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 187.9030, 11.9600, 36.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 161, 237) }
```

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

```
.background{ background-color: rgb(222,  
161, 237) }
```

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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