

Converting Colors

YIQ(166.0290, 20.5330, 40.8930)

Have a look what the booklet for
YIQ(166.0290, 20.5330, 40.8930)
contains.

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Color

**YIQ(166.0290, 20.5330,
40.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	D386D5
RGB	211, 134, 213
RGB Percent	83%, 53%, 84%
CMY	0.1723, 0.4746, 0.1647
CMYK	0.01, 0.37, 0.00, 0.16
HSL	299°, 48%, 68%
HSV	299°, 37%, 84%
XYZ	47.4125, 35.7033, 67.3467
YIQ	166.0290, 20.5330, 40.8930

Conversions

Conversions Part 2

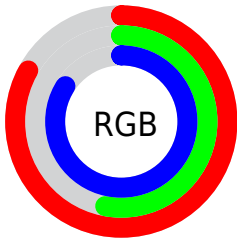
Format	Color
R _Y B	211, 134, 213
Decimal	13862613
CIE Lab	66.29, 41.83, -28.52
CIE LCh	66, 50.629, 325.713
Yxy	35.7033, 0.3151, 0.2373
Android (android.graphics.Color)	4292052693 (0xFFD386D5)
YUV	166.0290, 23.1567, 39.4396
Hunter-Lab	59.7522, 37.0706, -24.9992

Details

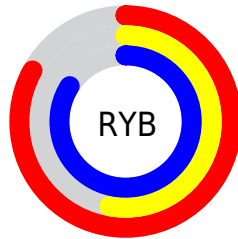
The YIQ color **166.0290, 20.5330, 40.8930** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **180.9710, -20.5330, -40.8930**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2580, 18.1500, 34.5180**, and **112.4910, 19.1120, 39.1120** is the 20% darker color. If you saturate the color by 10%, you get **153.7020, 26.3080, 51.8760**, and if you desaturate by 10%, it is **178.6550, 15.3540, 30.1220**.

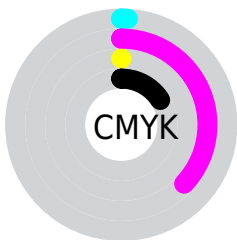
Distribution



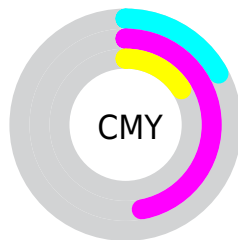
- Red (83%)
- Green (53%)
- Blue (84%)



- Red (83%)
- Yellow (53%)
- Blue (84%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)





- Cyan (17%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.0290, 20.5330, 40.8930 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 166.0290, 20.5330, 40.8930 by changing the saturation by 10% instead.


 166.0290, 20.5330,
40.8930


 166.0290, 20.5330,
40.8930


255.0000, -0.0000,
-0.0000


 139.2030, 19.9830,
39.8470


 216.2580, 18.1500,
34.5180


 112.4910, 19.1120,
39.1120


 232.6940, 10.4500,
19.8740

 86.7790, 18.2410,
38.3770

 249.7170, 2.4750,
4.7070

 60.7790, 18.2410,
38.3770

 32.0720, 18.9740,
41.6140

 21.8610, 11.7780,
28.8500

 12.7750, 5.7280,

17.3440

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 166.0290, 20.5330,
40.8930

■ 166.0290, 20.5330,
40.8930

■ 153.7020, 26.3080,
51.8760

■ 178.6550, 15.3540,
30.1220

■ 140.4890, 31.7620,
63.1700

■ 191.5690, 9.3040,
18.6160

■ 127.8630, 36.9410,
73.9410

■ 204.1950, 4.1250,
7.8450

■ 115.5360, 42.7160,
84.9240

■ 216.5220, -1.6500,
-3.1380

■ 102.3230, 48.1700,
96.2180

■ 229.1480, -6.8290,
-13.9090

■ 89.9960, 53.9450,
107.2010

■ 237.9530,
-10.9540, -21.7540

■ 86.4740, 55.5950,
110.3390

■ 238.2520,
-10.3580, -21.5420

■ 238.5510, -9.7620,
-21.3300

Harmonies

Analogous

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



162.6730, -28.6150, 28.5130



166.0290, 20.5330, 40.8930



163.6400, 55.2410, 39.6330

Triad

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



166.0290, 20.5330, 40.8930



156.9170, 50.6210, -19.8350



130.6940, -114.4790, -34.3430

Complementary

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



166.0290, 20.5330, 40.8930



180.9710, -20.5330, -40.8930

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.



125.4500, -99.7130, -48.6490



166.0290, 20.5330, 40.8930



152.8910, 17.9790, -33.9970

Square

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



166.0290, 20.5330, 40.8930



159.9710, 68.8650, 1.9610



144.8930, -29.0610, -40.5250



131.8630, -124.6600, -20.5320

Rectangle

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



166.0290, 20.5330, 40.8930



161.9000, 68.7680, 31.2640



144.8930, -29.0610, -40.5250



128.9840, -109.6640, -39.0080

Sweetspot

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



166.0290, 20.5330, 40.8930



238.2650, 7.1040, 14.4320



144.7670, -26.1840, 23.0000



117.7220, 4.0790, 8.6790



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.



166.0290, 20.5330, 40.8930



186.5980, 29.8370, 59.5090



162.4090, 33.6020, 29.8100



100.5430, 3.0250, 5.7530



69.4270, 44.6410, 88.5850



17.4600, 11.2290, 22.2770

Inverse Universe

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



157.8490, 46.4420, 17.3700



174.7270, 67.5770, 25.3130



184.5910, -33.6020, -29.8100



99.4030, 6.2350, 2.6430



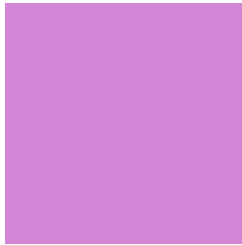
51.5850, 100.6320, 37.4960



12.9710, 25.3070, 9.4270

Previews

White Background



This preview shows how the YIQ color 166.0290, 20.5330, 40.8930 looks on a white background.

Color Contrast Check

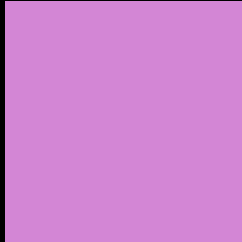
Large Text (above 18pt) WCAG AA × Fail

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 166.0290, 20.5330, 40.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

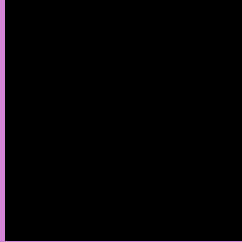
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.0290, 20.5330, 40.8930

Background



This preview shows how black text looks on a background with the YIQ color 166.0290, 20.5330, 40.8930.



This preview shows how white text looks on a background with the YIQ color 166.0290, 20.5330,

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

166.0290, 20.5330, 40.8930

Protanopia

161.0430, -35.9490, 18.2510

Deuteranopia

162.4930, -19.9010, 13.7550



Tritanopia

164.5960, 31.0370, 15.7170

Trichromacy



Original Color

166.0290, 20.5330, 40.8930

Protanomaly

163.0350, -15.1350, 26.5050

Deuteranomaly

163.7170, -5.5520, 23.5360

Tritanomaly

165.4250, 27.5050, 24.6650

Monochromacy



Original Color

166.0290, 20.5330, 40.8930

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.6780, 7.3790, 14.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.0290, 20.5330, 40.8930 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(211, 134, 213)` looks like.

```
.text, #text, p{  
    color:rgb(211, 134, 213)  
}
```

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(211, 134, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 134, 213) }
```

Border

The CSS property to change the border of an element to YIQ 166.0290, 20.5330, 40.8930 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(211, 134, 213) }
```


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

```
.border{ border-color:rgb(211, 134, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 134, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 134, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 134, 213);  
box-shadow:4px 4px 4px 4px rgb(211, 134,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 166.0290, 20.5330, 40.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 134, 213) }
```

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

```
.background{ background-color: rgb(211,  
134, 213) }
```

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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