

Converting Colors

YIQ(87.3470, 82.0120, 66.5880)

Have a look what the booklet for
YIQ(87.3470, 82.0120, 66.5880)
contains.

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Color

**YIQ(87.3470, 82.0120,
66.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	CF166E
RGB	207, 22, 110
RGB Percent	81%, 9%, 43%
CMY	0.1877, 0.9139, 0.5684
CMYK	0.00, 0.89, 0.47, 0.19
HSL	331°, 81%, 45%
HSV	331°, 89%, 81%
XYZ	28.8709, 14.9817, 16.1407
YIQ	87.3470, 82.0120, 66.5880

Conversions

Conversions Part 2

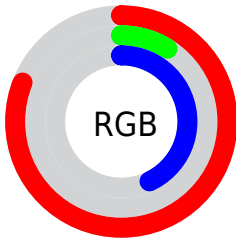
Format	Color
R_{YB}	207, 22, 110
Decimal	13571694
CIE _{Lab}	45.61, 70.55, 0.37
CIE _{LCh}	46, 70.551, 0.304
Yxy	14.9817, 0.4812, 0.2497
Android (android.graphics.Color)	4291761774 (0xFFCF166E)
YUV	87.3470, 11.1679, 104.9357
Hunter-Lab	38.7062, 65.4072, 2.3701

Details

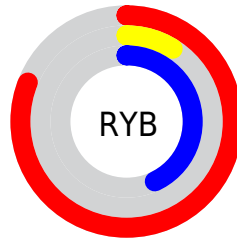
The YIQ color **87.3470, 82.0120, 66.5880** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **141.6530, -82.0120, -66.5880**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.3640, 74.1740, 54.4460**, and **50.8360, 66.7930, 50.5450** is the 20% darker color. If you saturate the color by 10%, you get **73.7660, 91.3180, 74.1500**, and if you desaturate by 10%, it is **100.9280, 72.7060, 59.0260**.

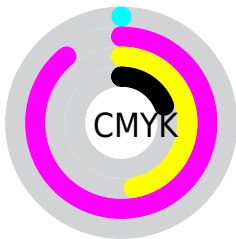
Distribution



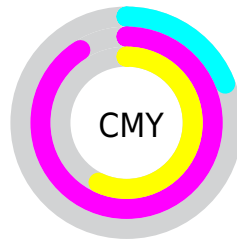
- Red (81%)
- Green (9%)
- Blue (43%)



- Red (81%)
- Yellow (9%)
- Blue (43%)



- Cyan (0%)
- Magenta (89%)
- Yellow (47%)
- Black (19%)



- Cyan (19%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.3470, 82.0120, 66.5880 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 87.3470, 82.0120, 66.5880 by changing the saturation by 10% instead.

87.3470, 82.0120,
66.5880

87.3470, 82.0120,
66.5880

255.0000, -0.0000,
-0.0000

62.7270, 77.8860,
64.2700

150.3640, 74.1740,
54.4460

50.8360, 66.7930,
50.5450

170.4650, 57.5320,
47.6760

39.3580, 55.9750,
37.3430

191.2670, 40.2940,
40.6940

28.4070, 45.1110,
24.9750

211.4820, 23.3310,
34.2350

17.8690, 34.5220,
13.1300

230.3460, 11.5500,
21.9660

5.6810, 11.3240,
4.0280

247.9560, 3.3000,

0.0000, 0.0000,

6.2760

0.0000

■ 87.3470, 82.0120,
66.5880

■ 87.3470, 82.0120,
66.5880

■ 73.7660, 91.3180,
74.1500

■ 100.9280, 72.7060,
59.0260

■ 73.1790, 91.5930,
74.6730

■ 113.9220, 63.6750,
51.9870

■ 127.5030, 54.3690,
44.4250

■ 140.9700, 45.3840,
36.5520

■ 154.5510, 36.0780,
28.9900

■ 167.5450, 27.0470,
21.9510

■ 181.1260, 17.7410,
14.3890

■ 194.7070, 8.4350,
6.8270

■ 207.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



104.8330, 36.4850, 60.1730



87.3470, 82.0120, 66.5880



93.3390, 92.5170, 35.8850

Triad

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



87.3470, 82.0120, 66.5880



92.2560, 9.0410, -48.2310



99.1900, -102.9310, -1.3230

Complementary

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



87.3470, 82.0120, 66.5880



141.6530, -82.0120, -66.5880

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.



96.9950, -89.8610, -17.9330



87.3470, 82.0120, 66.5880



80.7390, -49.5990, -53.7830

Square

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



87.3470, 82.0120, 66.5880



101.3910, 48.9260, -27.6660



90.2690, -70.9220, -36.2820



94.0840, -105.0880, 10.2400

Rectangle

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



87.3470, 82.0120, 66.5880



97.9150, 89.6340, 5.5220



90.2690, -70.9220, -36.2820



99.5830, -99.9040, -6.6240

Sweetspot

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



87.3470, 82.0120, 66.5880



210.3930, 30.5310, 24.8910



71.7940, -2.1690, 77.8870



101.4250, 18.3370, 14.6010



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.



87.3470, 82.0120, 66.5880



90.0390, 113.1390, 91.6910



79.0760, 109.4350, 37.6510



97.8590, 4.9510, 3.8870



59.3520, 74.4480, 60.4960



14.4250, 18.3370, 14.6010

Inverse Universe

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



87.3470, 82.0120, 66.5880



90.0390, 113.1390, 91.6910



149.9240, -109.4350, -37.6510



97.8590, 4.9510, 3.8870



59.3520, 74.4480, 60.4960



14.4250, 18.3370, 14.6010

Previews

White Background



This preview shows how the YIQ color 87.3470, 82.0120, 66.5880 looks on a white background.

Color Contrast Check

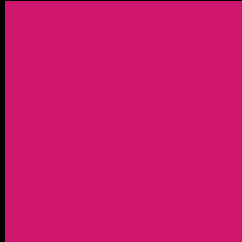
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 87.3470, 82.0120, 66.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

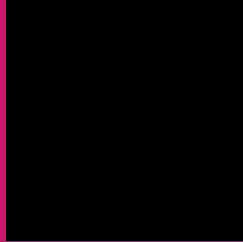
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.3470, 82.0120, 66.5880

Background



This preview shows how black text looks on a background with the YIQ color 87.3470, 82.0120, 66.5880.



This preview shows how white text looks on a background with the YIQ color 87.3470, 82.0120,

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

87.3470, 82.0120, 66.5880

Protanopia

109.2860, -23.7520, 11.9600

Deuteranopia

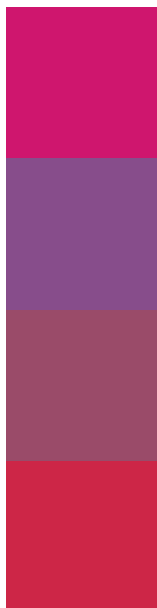
110.0400, 11.6910, 2.8830



Tritanopia

94.0570, 93.2510, 33.5950

Trichromacy



Original Color

87.3470, 82.0120, 66.5880

Protanomaly

101.4100, 14.6660, 31.5780

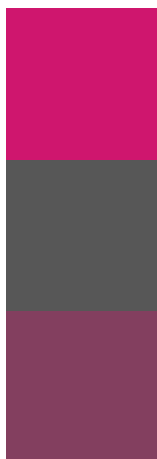
Deuteranomaly

102.0410, 37.4540, 26.0780

Tritanomaly

91.6950, 88.9390, 45.6670

Monochromacy



Original Color

87.3470, 82.0120, 66.5880

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.9800, 30.2560, 24.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.3470, 82.0120, 66.5880 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(207, 22, 110)` looks like.

```
.text, #text, p{  
    color:rgb(207, 22, 110)  
}
```

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(207, 22, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 22, 110) }
```

Border

The CSS property to change the border of an element to YIQ 87.3470, 82.0120, 66.5880 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(207, 22, 110) }
```


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

```
.border{ border-color:rgb(207, 22, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 22, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 22, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 22, 110);  
box-shadow:4px 4px 4px 4px rgb(207, 22,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 87.3470, 82.0120, 66.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 22, 110) }
```

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

```
.background{ background-color: rgb(207, 22,  
110) }
```

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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