

Converting Colors

YIQ(116.1970, 63.6780, 35.4060)

Have a look what the booklet for
YIQ(116.1970, 63.6780, 35.4060)
contains.

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Color

**YIQ(116.1970, 63.6780,
35.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	C74C6A
RGB	199, 76, 106
RGB Percent	78%, 30%, 42%
CMY	0.2193, 0.7021, 0.5841
CMYK	0.00, 0.62, 0.47, 0.22
HSL	345°, 52%, 54%
HSV	345°, 62%, 78%
XYZ	28.7597, 18.3566, 15.6790
YIQ	116.1970, 63.6780, 35.4060

Conversions

Conversions Part 2

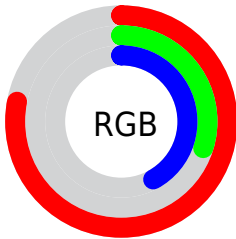
Format	Color
R_{YB}	199, 76, 106
Decimal	13061226
CIE Lab	49.93, 51.51, 8.84
CIE LCh	50, 52.264, 9.733
Yxy	18.3566, 0.4580, 0.2923
Android (android.graphics.Color)	4291251306 (0xFFC74C6A)
YUV	116.1970, -5.0271, 72.6182
Hunter-Lab	42.8446, 44.8413, 8.2940

Details

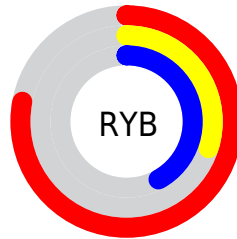
The YIQ color **116.1970, 63.6780, 35.4060** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **158.8030, -63.6780, -35.4060**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4530, 65.8330, 34.8970**, and **56.2170, 60.9260, 41.2300** is the 20% darker color. If you saturate the color by 10%, you get **102.7470, 73.9930, 41.2010**, and if you desaturate by 10%, it is **129.6470, 53.3630, 29.6110**.

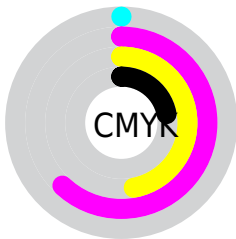
Distribution



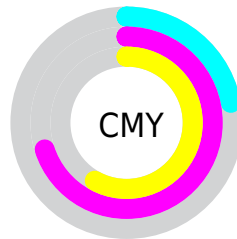
- Red (78%)
- Green (30%)
- Blue (42%)



- Red (78%)
- Yellow (30%)
- Blue (42%)



- Cyan (0%)
- Magenta (62%)
- Yellow (47%)
- Black (22%)





- Cyan (22%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.1970, 63.6780, 35.4060 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 116.1970, 63.6780, 35.4060 by changing the saturation by 10% instead.


 116.1970, 63.6780,
35.4060


 116.1970, 63.6780,
35.4060


255.0000, -0.0000,
-0.0000


 88.0550, 61.2020,
36.2260


 170.4530, 65.8330,
34.8970


 56.2170, 60.9260,
41.2300


 189.9670, 49.4660,
28.6500

 37.8200, 54.5540,
35.5620


 209.5950, 32.7780,
22.7140

 26.7550, 44.0110,
22.8830

 229.8100, 15.8150,
16.2550

 17.5700, 33.9260,
12.9180

 248.5430, 3.0250,
5.7530

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 116.1970, 63.6780,
35.4060

■ 116.1970, 63.6780,
35.4060

■ 102.7470, 73.9930,
41.2010

■ 129.6470, 53.3630,
29.6110

■ 89.2970, 84.3080,
46.9960

■ 143.0970, 43.0480,
23.8160

■ 75.8470, 94.6230,
52.7910

■ 156.5470, 32.7330,
18.0210

■ 65.0870, 102.8750,
57.4270

■ 169.9970, 22.4180,
12.2260

■ 182.8600, 12.3780,
6.9540

■ 196.3100, 2.0630,
1.1590

■ 209.7600, -8.2520,
-4.6360

■ 223.2100,
-18.5670, -10.4310

■ 236.6600,
-28.8820, -16.2260

Harmonies

Analogous

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



120.0650, 38.0470, 42.8710



116.1970, 63.6780, 35.4060



115.4740, 69.3670, 14.8950

Triad

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



116.1970, 63.6780, 35.4060



106.5340, -3.0650, -38.0810



100.5120, -101.1420, -6.2140

Complementary

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



116.1970, 63.6780, 35.4060



158.8030, -63.6780, -35.4060

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.



100.9560, -94.1250, -17.7490



116.1970, 63.6780, 35.4060



90.8100, -65.5560, -45.4280

Square

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



116.1970, 63.6780, 35.4060



111.3510, 37.2350, -30.5490



97.2280, -80.8720, -32.1680



108.4010, -69.3720, 12.7400

Rectangle

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



116.1970, 63.6780, 35.4060



115.2970, 64.8310, -2.0250



97.2280, -80.8720, -32.1680



101.4750, -99.7200, -9.9600

Sweetspot

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



116.1970, 63.6780, 35.4060



222.6060, 25.0770, 13.5970



117.5300, 15.3490, 57.7570



107.7680, 15.6330, 8.5370



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.



116.1970, 63.6780, 35.4060



127.7550, 97.8780, 54.3740



130.9740, 64.7830, 9.8630



92.9190, 4.7220, 2.5300



53.2970, 84.3080, 46.9960



11.7900, 18.5670, 10.4310

Inverse Universe

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



116.1970, 63.6780, 35.4060



127.7550, 97.8780, 54.3740



144.0260, -64.7830, -9.8630



92.9190, 4.7220, 2.5300



53.2970, 84.3080, 46.9960



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 116.1970, 63.6780, 35.4060 looks on a white background.

Color Contrast Check

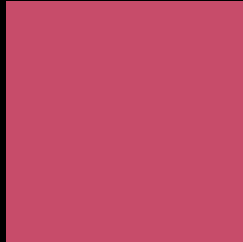
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.1970, 63.6780, 35.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

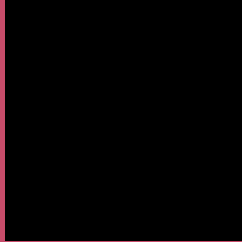
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.1970, 63.6780, 35.4060

Background



This preview shows how black text looks on a background with the YIQ color 116.1970, 63.6780, 35.4060.



This preview shows how white text looks on a background with the YIQ color 116.1970, 63.6780,

35.4060.

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

116.1970, 63.6780, 35.4060

Protanopia

120.1400, -3.2100, 3.1100

Deuteranopia

120.1670, 18.5230, 0.2110



Tritanopia

115.8520, 68.7230, 26.5710

Trichromacy



Original Color

116.1970, 63.6780, 35.4060

Protanomaly

118.5070, 21.0420, 15.1380

Deuteranomaly

118.7550, 34.8430, 12.8190

Tritanomaly

116.1770, 66.4300, 29.5820

Monochromacy



Original Color

116.1970, 63.6780, 35.4060

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7090, 23.2890, 12.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.1970, 63.6780, 35.4060 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(199, 76, 106)` looks like.

```
.text, #text, p{  
    color:rgb(199, 76, 106)  
}
```

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(199, 76, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 76, 106) }
```

Border

The CSS property to change the border of an element to YIQ 116.1970, 63.6780, 35.4060 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(199, 76, 106) }
```


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

```
.border{ border-color:rgb(199, 76, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 76, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 76, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 76, 106);  
box-shadow:4px 4px 4px 4px rgb(199, 76,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 116.1970, 63.6780, 35.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 76, 106) }
```

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

```
.background{ background-color: rgb(199, 76,  
106) }
```

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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