

Converting Colors

YIQ(116.6100, 63.9530, 35.9290)

Have a look what the booklet for
YIQ(116.6100, 63.9530, 35.9290)
contains.

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Color

**YIQ(116.6100, 63.9530,
35.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	C84C6B
RGB	200, 76, 107
RGB Percent	78%, 30%, 42%
CMY	0.2154, 0.7021, 0.5802
CMYK	0.00, 0.62, 0.46, 0.22
HSL	345°, 53%, 54%
HSV	345°, 62%, 78%
XYZ	29.0786, 18.5149, 15.9672
YIQ	116.6100, 63.9530, 35.9290

Conversions

Conversions Part 2

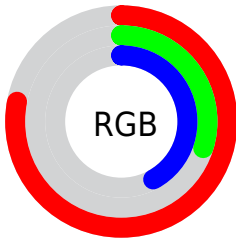
Format	Color
R_{YB}	200, 76, 107
Decimal	13126763
CIE _{Lab}	50.11, 51.93, 8.52
CIE _{LCh}	50, 52.628, 9.320
Yxy	18.5149, 0.4575, 0.2913
Android (android.graphics.Color)	4291316843 (0xFFC84C6B)
YUV	116.6100, -4.7377, 73.1330
Hunter-Lab	43.0289, 45.3283, 8.1189

Details

The YIQ color **116.6100, 63.9530, 35.9290** 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 **159.3900, -63.9530, -35.9290**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5670, 65.5120, 35.2080**, and **56.0430, 61.4760, 42.2760** is the 20% darker color. If you saturate the color by 10%, you get **103.1600, 74.2680, 41.7240**, and if you desaturate by 10%, it is **130.0600, 53.6380, 30.1340**.

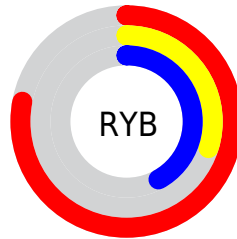
Distribution



Red (78%)

Green (30%)

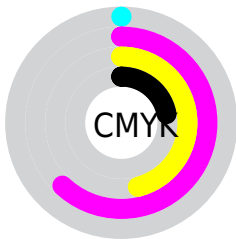
Blue (42%)



Red (78%)

Yellow (30%)

Blue (42%)

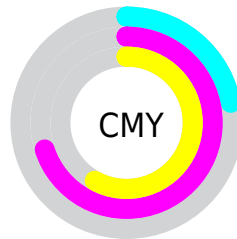


Cyan (0%)

Magenta (62%)

Yellow (46%)

Black (22%)



Cyan (22%)


Magenta (70%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.6100, 63.9530, 35.9290 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 116.6100, 63.9530, 35.9290 by changing the saturation by 10% instead.


 116.6100, 63.9530,
35.9290


 116.6100, 63.9530,
35.9290


255.0000, -0.0000,
-0.0000


 88.4680, 61.4770,
36.7490


 170.5670, 65.5120,
35.2080


 56.0430, 61.4760,
42.2760


 190.0810, 49.1450,
28.9610

 37.9340, 54.2330,
35.8730


 209.7090, 32.4570,
23.0250

 27.1680, 44.2860,
23.4060

 229.9240, 15.4940,
16.5660

 17.8690, 34.5220,
13.1300

 248.5430, 3.0250,
5.7530

 6.2790, 12.5160,
4.4520

 0.0000, 0.0000,

0.0000

■ 116.6100, 63.9530,
35.9290

■ 116.6100, 63.9530,
35.9290

■ 103.1600, 74.2680,
41.7240

■ 130.0600, 53.6380,
30.1340

■ 89.7100, 84.5830,
47.5190

■ 143.5100, 43.3230,
24.3390

■ 76.2600, 94.8980,
53.3140

■ 156.9600, 33.0080,
18.5440

■ 65.5000, 103.1500,
57.9500

■ 170.4100, 22.6930,
12.7490

■ 183.8600, 12.3780,
6.9540

■ 197.3100, 2.0630,
1.1590

■ 210.7600, -8.2520,
-4.6360

■ 224.2100,
-18.5670, -10.4310

■ 237.0730,
-28.6070, -15.7030

Harmonies

Analogous

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



120.4780, 38.3220, 43.3940



116.6100, 63.9530, 35.9290



116.1860, 70.2380, 15.6300

Triad

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



116.6100, 63.9530, 35.9290



106.7190, -2.1480, -38.1800



100.6260, -101.4630, -5.9030

Complementary

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



116.6100, 63.9530, 35.9290



159.3900, -63.9530, -35.9290

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.



101.5430, -94.4000, -18.2720



116.6100, 63.9530, 35.9290



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.



116.6100, 63.9530, 35.9290



112.1230, 37.8770, -31.1710



97.8150, -81.1470, -32.6910



108.2050, -71.7560, 11.8920

Rectangle

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



116.6100, 63.9530, 35.9290



115.7100, 65.1060, -1.5020



97.8150, -81.1470, -32.6910



101.5890, -100.0410, -9.6490

Sweetspot

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



116.6100, 63.9530, 35.9290



222.7200, 24.7560, 13.9080



117.3450, 14.4320, 57.8560



107.8820, 15.3120, 8.8480



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.



116.6100, 63.9530, 35.9290



127.9830, 97.2360, 54.9960



130.0990, 65.9290, 11.1210



92.9190, 4.7220, 2.5300



53.4110, 83.9870, 47.3070



11.7900, 18.5670, 10.4310

Inverse Universe

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



116.6100, 63.9530, 35.9290



127.9830, 97.2360, 54.9960



145.9010, -65.9290, -11.1210



92.9190, 4.7220, 2.5300



53.4110, 83.9870, 47.3070



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 116.6100, 63.9530, 35.9290 looks on a white background.

Color Contrast Check

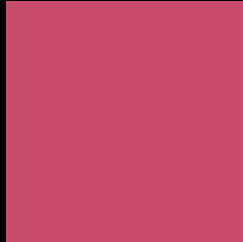
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 116.6100, 63.9530, 35.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

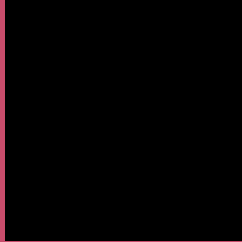
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.6100, 63.9530, 35.9290

Background



This preview shows how black text looks on a background with the YIQ color 116.6100, 63.9530, 35.9290.



This preview shows how white text looks on a background with the YIQ color 116.6100, 63.9530,

35.9290.

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

116.6100, 63.9530, 35.9290

Protanopia

120.3680, -3.8520, 3.7320

Deuteranopia

120.2810, 18.2020, 0.5220



Tritanopia

116.1510, 69.3190, 26.7830

Trichromacy



Original Color

116.6100, 63.9530, 35.9290

Protanomaly

118.6210, 20.7210, 15.4490

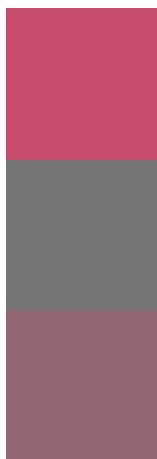
Deuteranomaly

119.1680, 35.1180, 13.3420

Tritanomaly

116.4760, 67.0260, 29.7940

Monochromacy



Original Color

116.6100, 63.9530, 35.9290

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.7090, 23.2890, 12.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.6100, 63.9530, 35.9290 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(200, 76, 107)` looks like.

```
.text, #text, p{  
    color:rgb(200, 76, 107)  
}
```

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(200, 76, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 76, 107) }
```

Border

The CSS property to change the border of an element to YIQ 116.6100, 63.9530, 35.9290 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(200, 76, 107) }
```


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

```
.border{ border-color:rgb(200, 76, 107) }
```

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

Here you see how a box with a 4 pixel rgb(200, 76, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 76, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 76, 107);  
box-shadow:4px 4px 4px 4px rgb(200, 76,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 116.6100, 63.9530, 35.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 76, 107) }
```

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

```
.background{ background-color: rgb(200, 76,  
107) }
```

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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