

Converting Colors

YIQ(115.0760, 56.7090, 35.0530)

Have a look what the booklet for
YIQ(115.0760, 56.7090, 35.0530)
contains.

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Color

**YIQ(115.0760, 56.7090,
35.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4D70
RGB	191, 77, 112
RGB Percent	75%, 30%, 44%
CMY	0.2507, 0.6982, 0.5606
CMYK	0.00, 0.60, 0.41, 0.25
HSL	342°, 47%, 53%
HSV	342°, 60%, 75%
XYZ	27.0826, 17.5581, 17.3056
YIQ	115.0760, 56.7090, 35.0530

Conversions

Conversions Part 2

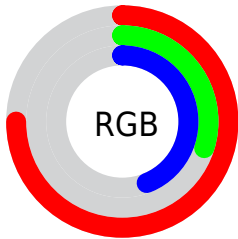
Format	Color
R_{YB}	191, 77, 112
Decimal	12537200
CIE _{Lab}	48.96, 49.04, 3.66
CIE _{LCh}	49, 49.174, 4.265
Yxy	17.5581, 0.4372, 0.2834
Android (android.graphics.Color)	4290727280 (0xFFBF4D70)
YUV	115.0760, -1.5165, 66.5853
Hunter-Lab	41.9024, 42.0402, 4.8450

Details

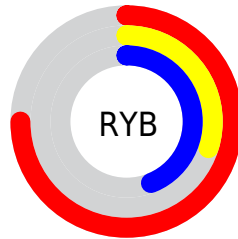
The YIQ color **115.0760, 56.7090, 35.0530** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **152.9240, -56.7090, -35.0530**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6420, 60.9270, 35.7030**, and **57.7430, 53.4530, 38.9970** is the 20% darker color. If you saturate the color by 10%, you get **102.4410, 66.1070, 40.9470**, and if you desaturate by 10%, it is **127.7110, 47.3110, 29.1590**.

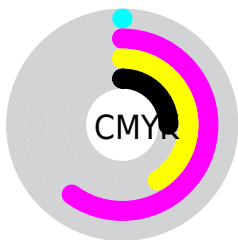
Distribution



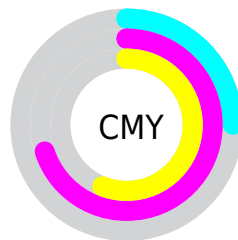
- Red (75%)
- Green (30%)
- Blue (44%)



- Red (75%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (25%)




- Cyan (25%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.0760, 56.7090, 35.0530 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 115.0760, 56.7090, 35.0530 by changing the saturation by 10% instead.


 115.0760, 56.7090,
35.0530


 115.0760, 56.7090,
35.0530


255.0000, -0.0000,
-0.0000


 87.8200, 54.5540,
35.5620


 170.6420, 60.9270,
35.7030


 57.7430, 53.4530,
38.9970


 190.7650, 47.2190,
30.8270

 36.2970, 48.7770,
35.6330


 210.2790, 30.8520,
24.5800

 25.9440, 39.1050,
23.6890

 230.6080, 13.5680,
18.4320

 16.0750, 30.9460,
11.8580

 248.5430, 3.0250,
5.7530

 1.1960, 2.3840,
0.8480

 0.0000, 0.0000,

0.0000

■ 115.0760, 56.7090,
35.0530

■ 115.0760, 56.7090,
35.0530

■ 102.4410, 66.1070,
40.9470

■ 127.7110, 47.3110,
29.1590

■ 89.8060, 75.5050,
46.8410

■ 140.4600, 37.5920,
23.5760

■ 77.0570, 85.2240,
52.4240

■ 153.0950, 28.1940,
17.6820

■ 64.4220, 94.6220,
58.3180

■ 165.7300, 18.7960,
11.7880

■ 63.8350, 94.8970,
58.8410

■ 178.3650, 9.3980,
5.8940

■ 191.5870, -0.2750,
-0.5230

■ 204.3360, -9.9940,
-6.1060

■ 216.9710,
-19.3920, -12.0000

■ 229.6060,
-28.7900, -17.8940

Harmonies

Analogous

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



118.4660, 29.4280, 39.3800



115.0760, 56.7090, 35.0530



114.3150, 65.5610, 17.7930

Triad

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



115.0760, 56.7090, 35.0530



106.2470, 5.2330, -34.2790



98.0840, -97.0610, -8.5890

Complementary

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



115.0760, 56.7090, 35.0530



152.9240, -56.7090, -35.0530

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.



97.7130, -89.1270, -20.2230



115.0760, 56.7090, 35.0530



89.6430, -57.7160, -44.3400

Square

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



115.0760, 56.7090, 35.0530



110.5950, 39.6640, -25.0080



93.6260, -76.2410, -33.4970



99.8290, -82.6210, 5.0510

Rectangle

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



115.0760, 56.7090, 35.0530



113.6760, 62.4460, 2.6540



93.6260, -76.2410, -33.4970



98.3460, -95.0430, -12.1230

Sweetspot

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



115.0760, 56.7090, 35.0530



217.7520, 21.7300, 13.6820



113.3180, 9.8940, 51.9900



106.3980, 13.7990, 8.7350



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.0760, 56.7090, 35.0530



128.4920, 88.4330, 54.8410



123.4130, 62.1690, 13.1850



88.0330, 4.4010, 2.8410



52.8280, 78.4390, 48.7350



10.2950, 15.5870, 9.3710

Inverse Universe

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



115.0760, 56.7090, 35.0530



128.4920, 88.4330, 54.8410



144.5870, -62.1690, -13.1850



88.0330, 4.4010, 2.8410



52.8280, 78.4390, 48.7350



10.2950, 15.5870, 9.3710

Previews

White Background



This preview shows how the YIQ color 115.0760, 56.7090, 35.0530 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 115.0760, 56.7090, 35.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

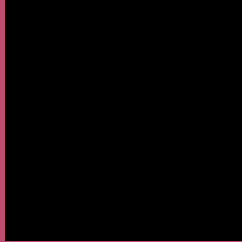
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.0760, 56.7090, 35.0530

Background



This preview shows how black text looks on a background with the YIQ color 115.0760, 56.7090, 35.0530.



This preview shows how white text looks on a background with the YIQ color 115.0760, 56.7090,

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

115.0760, 56.7090, 35.0530

Protanopia

117.5680, -7.2910, 5.4850

Deuteranopia

117.9970, 13.2500, 2.1620



Tritanopia

114.5630, 62.1670, 24.2390

Trichromacy



Original Color

115.0760, 56.7090, 35.0530

Protanomaly

116.8100, 15.8150, 16.2550

Deuteranomaly

116.8730, 28.6990, 14.0350

Tritanomaly

114.7140, 60.4240, 28.2960

Monochromacy



Original Color

115.0760, 56.7090, 35.0530

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0400, 20.8590, 12.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.0760, 56.7090, 35.0530 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(191, 77, 112)` looks like.

```
.text, #text, p{  
    color:rgb(191, 77, 112)  
}
```

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(191, 77, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 77, 112) }
```

Border

The CSS property to change the border of an element to YIQ 115.0760, 56.7090, 35.0530 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(191, 77, 112) }
```


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

```
.border{ border-color:rgb(191, 77, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 77, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 77, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 77, 112);  
box-shadow:4px 4px 4px 4px rgb(191, 77,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 115.0760, 56.7090, 35.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 77, 112) }
```

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

```
.background{ background-color: rgb(191, 77,  
112) }
```

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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