

Converting Colors

YIQ(107.3140, 59.2750, 43.6190)

Have a look what the booklet for
YIQ(107.3140, 59.2750, 43.6190)
contains.

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Color

**YIQ(107.3140, 59.2750,
43.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3F74
RGB	191, 63, 116
RGB Percent	75%, 25%, 45%
CMY	0.2506, 0.7531, 0.5449
CMYK	0.00, 0.67, 0.39, 0.25
HSL	335°, 50%, 50%
HSV	335°, 67%, 75%
XYZ	26.4373, 15.8987, 18.2135
YIQ	107.3140, 59.2750, 43.6190

Conversions

Conversions Part 2

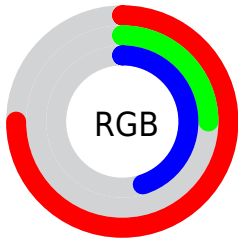
Format	Color
R_{YB}	191, 63, 116
Decimal	12533620
CIE Lab	46.84, 55.52, -1.85
CIE LCh	47, 55.548, 358.090
Yxy	15.8987, 0.4366, 0.2626
Android (android.graphics.Color)	4290723700 (0xFFBF3F74)
YUV	107.3140, 4.2822, 73.3926
Hunter-Lab	39.8732, 48.5737, 0.8285

Details

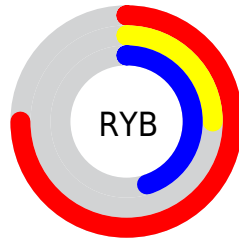
The YIQ color **107.3140, 59.2750, 43.6190** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **146.6860, -59.2750, -43.6190**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0540, 62.9430, 43.2230**, and **47.5190, 57.4400, 49.3440** is the 20% darker color. If you saturate the color by 10%, you get **94.9070, 68.0310, 50.1350**, and if you desaturate by 10%, it is **119.7210, 50.5190, 37.1030**.

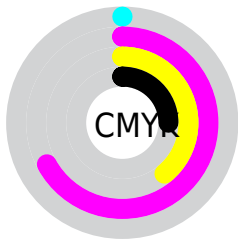
Distribution



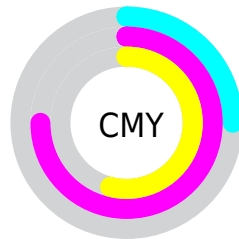
- Red (75%)
- Green (25%)
- Blue (45%)



- Red (75%)
- Yellow (25%)
- Blue (45%)



- Cyan (0%)
- Magenta (67%)
- Yellow (39%)
- Black (25%)





- Cyan (25%)
- Magenta (75%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.3140, 59.2750, 43.6190 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 107.3140, 59.2750, 43.6190 by changing the saturation by 10% instead.


 107.3140, 59.2750,
43.6190


 107.3140, 59.2750,
43.6190


255.0000, -0.0000,
-0.0000


 77.7100, 58.2200,
46.2200


 164.0540, 62.9430,
43.2230


 47.5190, 57.4400,
49.3440


 184.1770, 49.2350,
38.3470

 36.6390, 47.8140,
36.5660


 203.8050, 32.5470,
32.4110

 25.9870, 37.5460,
24.4100

 224.1340, 15.2630,
26.2630

 15.4770, 29.7540,
11.4340

 241.4990, 6.3250,
12.0290

 0.0000, 0.0000,
0.0000

■ 107.3140, 59.2750,
43.6190

■ 107.3140, 59.2750,
43.6190

■ 94.9070, 68.0310,
50.1350

■ 119.7210, 50.5190,
37.1030

■ 82.5000, 76.7870,
56.6510

■ 132.1280, 41.7630,
30.5870

■ 69.9790, 85.8640,
62.8560

■ 144.6490, 32.6860,
24.3820

■ 66.1150, 88.4770,
65.0610

■ 157.0560, 23.9300,
17.8660


■ 169.4630, 15.1740,
11.3500

■ 182.4570, 6.1430,
4.3110

■ 194.8640, -2.6130,
-2.2050

■ 207.3850,

-11.6900, -8.4100

 219.7920,
-20.4460, -14.9260

Harmonies

Analogous

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



113.1760, 24.6130, 44.0450



107.3140, 59.2750, 43.6190



105.8910, 72.9870, 26.3870

Triad

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



107.3140, 59.2750, 43.6190



99.3050, 16.5130, -40.4710



96.7960, -96.1900, -7.8540

Complementary

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



107.3140, 59.2750, 43.6190



146.6860, -59.2750, -43.6190

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.



95.0400, -85.7340, -21.1420



107.3140, 59.2750, 43.6190



82.4490, -54.4140, -49.1180

Square

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



107.3140, 59.2750, 43.6190



104.0600, 51.3560, -27.6520



89.5680, -70.3260, -36.0700



92.6360, -98.2550, 2.0410

Rectangle

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



107.3140, 59.2750, 43.6190



106.7420, 71.2480, 8.3360



89.5680, -70.3260, -36.0700



96.8300, -93.5300, -12.0100

Sweetspot

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



107.3140, 59.2750, 43.6190



214.9310, 22.7840, 16.6080



100.0170, 3.6120, 55.7080



105.3380, 14.0280, 10.0920



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.



107.3140, 59.2750, 43.6190



117.5500, 91.6860, 67.4780



107.7290, 73.2630, 21.3830



88.1470, 4.0800, 3.1520



54.7660, 72.9820, 54.0220



10.7510, 14.3030, 10.6150

Inverse Universe

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



107.3140, 59.2750, 43.6190



117.5500, 91.6860, 67.4780



146.2710, -73.2630, -21.3830



88.1470, 4.0800, 3.1520



54.7660, 72.9820, 54.0220



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 107.3140, 59.2750, 43.6190 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 107.3140, 59.2750, 43.6190 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 107.3140, 59.2750, 43.6190

Background



This preview shows how black text looks on a background with the YIQ color 107.3140, 59.2750, 43.6190.



This preview shows how white text looks on a background with the YIQ color 107.3140, 59.2750,

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

107.3140, 59.2750, 43.6190

Protanopia

111.7120, -16.3240, 9.5000

Deuteranopia

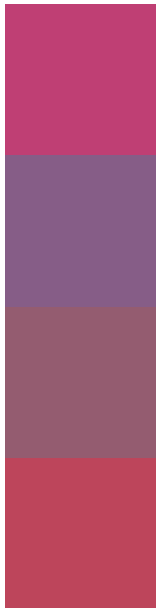
112.7130, 8.2980, 3.8020



Tritanopia

107.2540, 67.5310, 26.1470

Trichromacy



Original Color

107.3140, 59.2750, 43.6190

Protanomaly

110.0470, 10.9540, 21.7540

Deuteranomaly

111.0240, 26.9560, 18.0920

Tritanomaly

107.3880, 64.4580, 32.2820

Monochromacy



Original Color

107.3140, 59.2750, 43.6190

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.2190, 21.9130, 15.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.3140, 59.2750, 43.6190 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, 63, 116)` looks like.

```
.text, #text, p{  
    color:rgb(191, 63, 116)  
}
```

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, 63, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 63, 116) }
```

Border

The CSS property to change the border of an element to YIQ 107.3140, 59.2750, 43.6190 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, 63, 116) }
```


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

```
.border{ border-color:rgb(191, 63, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 63, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 63, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 63, 116);  
box-shadow:4px 4px 4px 4px rgb(191, 63,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 107.3140, 59.2750, 43.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 63, 116) }
```

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

```
.background{ background-color: rgb(191, 63,  
116) }
```

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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