

Converting Colors

YIQ(116.9960, 59.6900, 30.5860)

Have a look what the booklet for
YIQ(116.9960, 59.6900, 30.5860)
contains.

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Color

**YIQ(116.9960, 59.6900,
30.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	C15167
RGB	193, 81, 103
RGB Percent	76%, 32%, 40%
CMY	0.2429, 0.6825, 0.5959
CMYK	0.00, 0.58, 0.47, 0.24
HSL	348°, 48%, 54%
HSV	348°, 58%, 76%
XYZ	27.4005, 18.2051, 14.9165
YIQ	116.9960, 59.6900, 30.5860

Conversions

Conversions Part 2

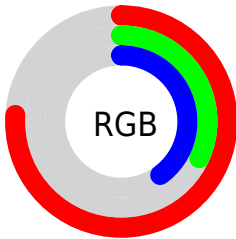
Format	Color
R_{YB}	193, 81, 103
Decimal	12669287
CIE Lab	49.74, 46.92, 10.25
CIE LCh	50, 48.028, 12.323
Yxy	18.2051, 0.4527, 0.3008
Android (android.graphics.Color)	4290859367 (0xFFC15167)
YUV	116.9960, -6.9000, 66.6555
Hunter-Lab	42.6675, 39.9623, 9.1395

Details

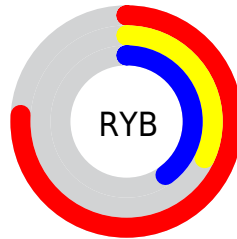
The YIQ color **116.9960, 59.6900, 30.5860** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **157.0040, -59.6900, -30.5860**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8610, 64.5040, 31.4480**, and **61.4240, 55.6090, 32.9610** is the 20% darker color. If you saturate the color by 10%, you get **104.1330, 69.7300, 35.8580**, and if you desaturate by 10%, it is **129.9730, 49.3290, 25.6250**.

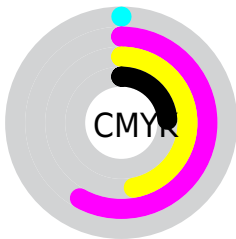
Distribution



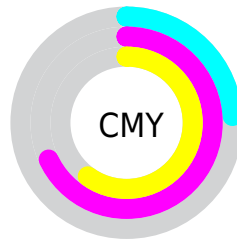
- Red (76%)
- Green (32%)
- Blue (40%)



- Red (76%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (58%)
- Yellow (47%)
- Black (24%)




- Cyan (24%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.9960, 59.6900, 30.5860 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 116.9960, 59.6900, 30.5860 by changing the saturation by 10% instead.


 116.9960, 59.6900,
30.5860


 116.9960, 59.6900,
30.5860


255.0000, -0.0000,
-0.0000


 89.7400, 57.5350,
31.0950


 171.8610, 64.5040,
31.4480


 61.4240, 55.6090,
32.9610


 191.9730, 49.3290,
25.6250

 35.9830, 52.5370,
33.5690


 211.4870, 32.9620,
19.3780

 25.2170, 42.5900,
21.1020

 231.1150, 16.2740,
13.4420

 16.3740, 31.5420,
12.0700

 250.3040, 2.2000,
4.1840

 2.0930, 4.1720,
1.4840

 0.0000, 0.0000,

0.0000

■ 116.9960, 59.6900,
30.5860

■ 116.9960, 59.6900,
30.5860

■ 104.1330, 69.7300,
35.8580

■ 129.9730, 49.3290,
25.6250

■ 90.5690, 80.3660,
41.3420

■ 143.4230, 39.0140,
19.8300

■ 77.7060, 90.4060,
46.6140

■ 156.4000, 28.6530,
14.8690

■ 64.7290, 100.7670,
51.5750

■ 169.2630, 18.6130,
9.5970

■ 62.0390, 102.8300,
52.7340

■ 182.2400, 8.2520,
4.6360

■ 195.6900, -2.0630,
-1.1590

■ 208.6670,
-12.4240, -6.1200

■ 221.5300,
-22.4640, -11.3920

■ 235.0940,
-33.1000, -16.8760

Harmonies

Analogous

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



120.1310, 37.6810, 38.4890



116.9960, 59.6900, 30.5860



116.1420, 64.3700, 11.8420

Triad

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



116.9960, 59.6900, 30.5860



106.6740, -6.2750, -34.9710



98.0670, -98.3910, -6.5110

Complementary

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



116.9960, 59.6900, 30.5860



157.0040, -59.6900, -30.5860

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.



99.4400, -92.6120, -17.6360



116.9960, 59.6900, 30.5860



90.3200, -66.9320, -42.5160

Square

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



116.9960, 59.6900, 30.5860



112.2240, 30.4030, -27.8770



96.2820, -80.9640, -30.5000



112.7790, -52.8210, 15.6510

Rectangle

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



116.9960, 59.6900, 30.5860



115.8340, 58.8250, -3.3110



96.2820, -80.9640, -30.5000



99.1440, -97.2900, -9.9460

Sweetspot

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



116.9960, 59.6900, 30.5860



220.8830, 22.7390, 11.9150



120.6780, 17.6880, 53.9120



108.0450, 13.2950, 6.8550



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.



116.9960, 59.6900, 30.5860



131.2010, 93.3860, 47.6740



134.4460, 57.4020, 5.9620



90.2180, 5.3180, 2.7420



51.7870, 85.6840, 44.0840



10.6650, 17.4210, 9.1730

Inverse Universe

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



116.9960, 59.6900, 30.5860



131.2010, 93.3860, 47.6740



139.5540, -57.4020, -5.9620



90.2180, 5.3180, 2.7420



51.7870, 85.6840, 44.0840



10.6650, 17.4210, 9.1730

Previews

White Background



This preview shows how the YIQ color 116.9960, 59.6900, 30.5860 looks on a white background.

Color Contrast Check

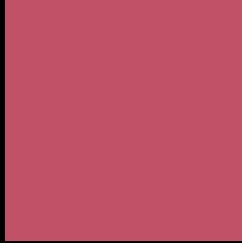
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.9960, 59.6900, 30.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

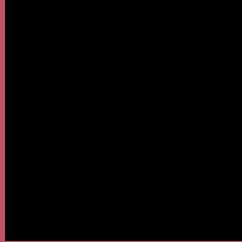
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.9960, 59.6900, 30.5860

Background



This preview shows how black text looks on a background with the YIQ color 116.9960, 59.6900, 30.5860.



This preview shows how white text looks on a background with the YIQ color 116.9960, 59.6900,

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

116.9960, 59.6900, 30.5860

Protanopia

119.1680, -0.4130, 1.9790

Deuteranopia

119.3520, 19.4400, 0.1120



Tritanopia

116.2750, 63.0380, 24.9740

Trichromacy



Original Color

116.9960, 59.6900, 30.5860

Protanomaly

118.8120, 21.5010, 12.3250

Deuteranomaly

118.5160, 34.0180, 11.2500

Tritanomaly

116.2580, 61.7080, 27.0520

Monochromacy



Original Color

116.9960, 59.6900, 30.5860

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.1710, 21.8680, 11.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.9960, 59.6900, 30.5860 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(193, 81, 103)` looks like.

```
.text, #text, p{  
    color:rgb(193, 81, 103)  
}
```

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(193, 81, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 81, 103) }
```

Border

The CSS property to change the border of an element to YIQ 116.9960, 59.6900, 30.5860 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(193, 81, 103) }
```


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

```
.border{ border-color:rgb(193, 81, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 81, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 81, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 81, 103);  
box-shadow:4px 4px 4px 4px rgb(193, 81,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 116.9960, 59.6900, 30.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 81, 103) }
```

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

```
.background{ background-color: rgb(193, 81,  
103) }
```

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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