

Converting Colors

YIQ(106.3120, 71.9250, 67.6770)

Have a look what the booklet for
YIQ(106.3120, 71.9250, 67.6770)
contains.

YIQ(106.3120, 71.9250, 67.6770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(106.3120, 71.9250,
67.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	D92B8E
RGB	217, 43, 142
RGB Percent	85%, 17%, 56%
CMY	0.1485, 0.8316, 0.4429
CMYK	0.00, 0.80, 0.35, 0.15
HSL	326°, 70%, 51%
HSV	326°, 80%, 85%
XYZ	34.3991, 18.4474, 27.3598
YIQ	106.3120, 71.9250, 67.6770

Conversions

Conversions Part 2

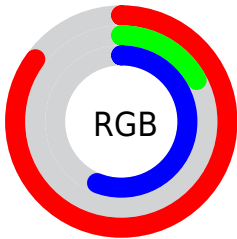
Format	Color
R_{YB}	217, 43, 142
Decimal	14232462
CIE _{Lab}	50.03, 71.69, -12.35
CIE _{LCh}	50, 72.746, 350.222
Yxy	18.4474, 0.4289, 0.2300
Android (android.graphics.Color)	4292422542 (0xFFD92B8E)
YUV	106.3120, 17.5942, 97.0734
Hunter-Lab	42.9504, 67.7978, -7.7030

Details

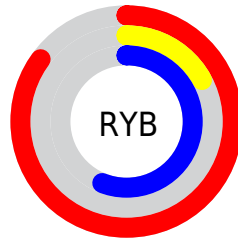
The YIQ color **106.3120, 71.9250, 67.6770** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **153.6880, -71.9250, -67.6770**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.9850, 59.3640, 58.5320**, and **57.4310, 64.0400, 61.8960** is the 20% darker color. If you saturate the color by 10%, you get **92.3720, 80.8640, 76.3840**, and if you desaturate by 10%, it is **120.2520, 62.9860, 58.9700**.

Distribution



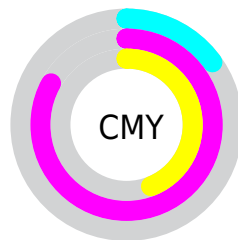
- Red (85%)
- Green (17%)
- Blue (56%)



- Red (85%)
- Yellow (17%)
- Blue (56%)



- Cyan (0%)
- Magenta (80%)
- Yellow (35%)
- Black (15%)



- Cyan (15%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.3120, 71.9250, 67.6770 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 106.3120, 71.9250, 67.6770 by changing the saturation by 10% instead.

106.3120, 71.9250,
67.6770

106.3120, 71.9250,
67.6770

255.0000, -0.0000,
-0.0000

69.1370, 74.2160,
75.7200

161.9850, 59.3640,
58.5320

57.4310, 64.0400,
61.8960

182.7870, 42.1260,
51.5500

46.0240, 54.4600,
48.2840

203.0020, 25.1630,
45.0910

34.5460, 43.6420,
35.0820

220.3670, 16.2250,
30.8570

24.4920, 34.5660,
23.3500

237.9770, 7.9750,
15.1670

12.6720, 24.7110,
9.2150

0.0000, 0.0000,

0.0000

■ 106.3120, 71.9250,
67.6770

■ 106.3120, 71.9250,
67.6770

■ 92.3720, 80.8640,
76.3840

■ 120.2520, 62.9860,
58.9700

■ 79.0190, 89.5280,
84.5680

■ 133.7190, 54.0010,
51.0970

■ 147.6590, 45.0620,
42.3900

■ 161.5990, 36.1230,
33.6830

■ 175.6530, 26.8630,
25.2870

■ 189.0060, 18.1990,
17.1030

■ 203.0600, 8.9390,
8.7070

■ 217.0000, -0.0000,
0.0000

■ 230.3530, -8.6640,
-8.1840

Harmonies

Analogous

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



120.1880, 16.3120, 56.8240



106.3120, 71.9250, 67.6770



102.9240, 95.7240, 49.3560

Triad

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



106.3120, 71.9250, 67.6770



107.1180, 27.1050, -45.2070



108.3370, -108.0190, -8.2350

Complementary

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



106.3120, 71.9250, 67.6770



153.6880, -71.9250, -67.6770

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.



103.9420, -91.5100, -26.5980



106.3120, 71.9250, 67.6770



84.7850, -47.2130, -63.9890

Square

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



106.3120, 71.9250, 67.6770



112.1220, 65.9810, -22.8750



95.4720, -70.4160, -45.4560



105.6590, -114.2570, 5.7030

Rectangle

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



106.3120, 71.9250, 67.6770



108.2770, 95.0870, 22.3430



95.4720, -70.4160, -45.4560



107.1000, -103.1580, -13.7340

Sweetspot

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



106.3120, 71.9250, 67.6770



216.2290, 25.1210, 23.8170



84.6630, -12.3460, 69.5900



104.4570, 15.3110, 14.3750



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.



106.3120, 71.9250, 67.6770



99.1010, 101.4010, 95.1690



96.6220, 99.2100, 41.2420



102.9730, 4.6300, 4.1980



63.0130, 71.3290, 67.4650



16.7180, 19.0700, 17.8380

Inverse Universe

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



106.3120, 71.9250, 67.6770



99.1010, 101.4010, 95.1690



163.3780, -99.2100, -41.2420



102.9730, 4.6300, 4.1980



63.0130, 71.3290, 67.4650



16.7180, 19.0700, 17.8380

Previews

White Background



This preview shows how the YIQ color 106.3120, 71.9250, 67.6770 looks on a white background.

Color Contrast Check

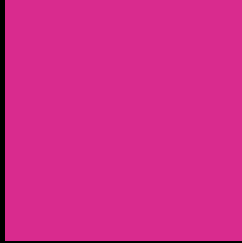
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.3120, 71.9250, 67.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

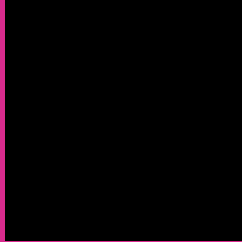
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 106.3120, 71.9250, 67.6770

Background



This preview shows how black text looks on a background with the YIQ color 106.3120, 71.9250, 67.6770.



This preview shows how white text looks on a background with the YIQ color 106.3120, 71.9250,

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

106.3120, 71.9250, 67.6770

Protanopia

117.8900, -39.8920, 18.1240

Deuteranopia

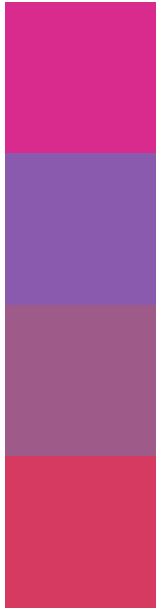
121.2160, -0.3680, 6.6720



Tritanopia

110.6970, 85.4570, 31.6730

Trichromacy



Original Color

106.3120, 71.9250, 67.6770

Protanomaly

113.6290, 1.0480, 36.0880

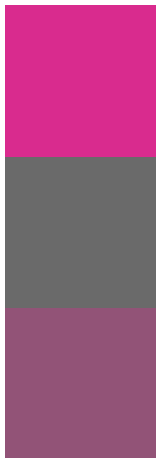
Deuteranomaly

115.5760, 25.7620, 28.7220

Tritanomaly

108.9760, 80.7780, 44.8900

Monochromacy



Original Color

106.3120, 71.9250, 67.6770

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.9410, 25.9920, 24.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.3120, 71.9250, 67.6770 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(217, 43, 142)` looks like.

```
.text, #text, p{  
    color:rgb(217, 43, 142)  
}
```

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(217, 43, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 43, 142) }
```

Border

The CSS property to change the border of an element to YIQ 106.3120, 71.9250, 67.6770 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(217, 43, 142) }
```


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

```
.border{ border-color:rgb(217, 43, 142) }
```

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

Here you see how a box with a 4 pixel rgb(217, 43, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 43, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 43, 142);  
box-shadow:4px 4px 4px 4px rgb(217, 43,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 106.3120, 71.9250, 67.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 43, 142) }
```

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

```
.background{ background-color: rgb(217, 43,  
142) }
```

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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