

Converting Colors

YIQ(116.7990, 32.6840, 35.4360)

Have a look what the booklet for
YIQ(116.7990, 32.6840, 35.4360)
contains.

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Color

**YIQ(116.7990, 32.6840,
35.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	AA558D
RGB	170, 85, 141
RGB Percent	67%, 33%, 55%
CMY	0.3331, 0.6668, 0.4470
CMYK	0.00, 0.50, 0.17, 0.33
HSL	320°, 33%, 50%
HSV	320°, 50%, 67%
XYZ	24.6457, 16.9679, 27.1841
YIQ	116.7990, 32.6840, 35.4360

Conversions

Conversions Part 2

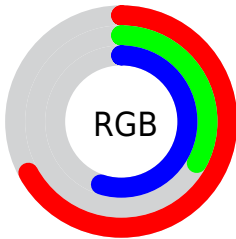
Format	Color
R_{YB}	170, 85, 141
Decimal	11163021
CIE _{Lab}	48.22, 42.03, -15.21
CIE _{LCh}	48, 44.698, 340.103
Yxy	16.9679, 0.3582, 0.2466
Android (android.graphics.Color)	4289353101 (0xFFAA558D)
YUV	116.7990, 11.9311, 46.6573
Hunter-Lab	41.1921, 34.7122, -10.2929

Details

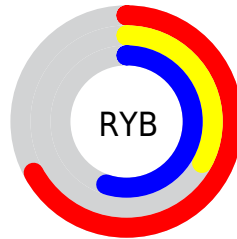
The YIQ color **116.7990, 32.6840, 35.4360** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **138.2010, -32.6840, -35.4360**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5220, 35.0220, 37.1180**, and **64.1300, 30.2540, 35.4220** is the 20% darker color. If you saturate the color by 10%, you get **106.1360, 39.2850, 42.4610**, and if you desaturate by 10%, it is **127.4620, 26.0830, 28.4110**.

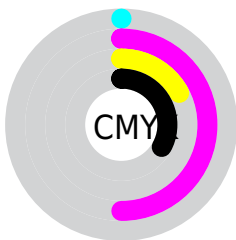
Distribution



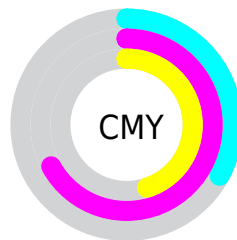
- Red (67%)
- Green (33%)
- Blue (55%)



- Red (67%)
- Yellow (33%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (17%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.7990, 32.6840, 35.4360 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 116.7990, 32.6840, 35.4360 by changing the saturation by 10% instead.

■ 116.7990, 32.6840,
35.4360

■ 116.7990, 32.6840,
35.4360

■ 255.0000, -0.0000,
-0.0000

■ 90.2010, 31.4920,
35.0120

■ 170.5220, 35.0220,
37.1180

■ 64.4290, 30.8500,
35.6340

■ 197.9350, 35.2970,
37.6410

■ 34.8360, 31.2620,
39.1820

■ 217.5630, 18.6090,
31.7050

■ 24.2660, 23.6990,
27.5630

■ 235.0420, 9.3500,
17.7820

■ 15.4080, 17.0070,
16.6790

■ 252.0650, 1.3750,
2.6150

■ 0.0000, 0.0000,
0.0000

■ 116.7990, 32.6840,
35.4360

■ 116.7990, 32.6840,
35.4360

■ 106.1360, 39.2850,
42.4610

■ 127.4620, 26.0830,
28.4110

■ 95.4730, 45.8860,
49.4860

■ 138.1250, 19.4820,
21.3860

■ 84.9240, 52.1660,
56.8220

■ 148.6740, 13.2020,
14.0500

■ 74.2610, 58.7670,
63.8470

■ 159.3370, 6.6010,
7.0250

■ 63.5980, 65.3680,
70.8720


■ 170.0000, -0.0000,
0.0000

■ 180.6630, -6.6010,
-7.0250

■ 191.3260,
-13.2020, -14.0500

■ 201.8750,

-19.4820, -21.3860

 212.5380,
-26.0830, -28.4110

Harmonies

Analogous

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



117.6020, -3.4900, 30.2220



116.7990, 32.6840, 35.4360



113.7180, 54.6010, 29.2010

Triad

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



116.7990, 32.6840, 35.4360



109.3320, 30.2190, -24.5410



95.3650, -88.0270, -18.1310

Complementary

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



116.7990, 32.6840, 35.4360



138.2010, -32.6840, -35.4360

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.



92.5490, -77.3420, -30.0620



116.7990, 32.6840, 35.4360



104.6360, -3.1120, -31.7200

Square

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



116.7990, 32.6840, 35.4360



111.7790, 51.4900, -8.0460



86.8150, -63.9520, -41.4560



94.4650, -93.7600, -7.8400

Rectangle

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



116.7990, 32.6840, 35.4360



113.3190, 59.7380, 18.6980



86.8150, -63.9520, -41.4560



94.6980, -84.7710, -22.0750

Sweetspot

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



116.7990, 32.6840, 35.4360



201.2610, 12.9270, 13.5270



103.0620, -10.5970, 32.3710



99.4620, 7.7470, 8.2830



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



116.7990, 32.6840, 35.4360



138.6850, 51.3410, 55.2530



112.0110, 46.1660, 22.3740



78.9620, 3.1630, 3.2510



55.3100, 57.0710, 61.5430



7.4620, 7.7470, 8.2830

Inverse Universe

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



116.7990, 32.6840, 35.4360



138.6850, 51.3410, 55.2530



142.9890, -46.1660, -22.3740



78.9620, 3.1630, 3.2510



55.3100, 57.0710, 61.5430



7.4620, 7.7470, 8.2830

Previews

White Background



This preview shows how the YIQ color 116.7990, 32.6840, 35.4360 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 116.7990, 32.6840, 35.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

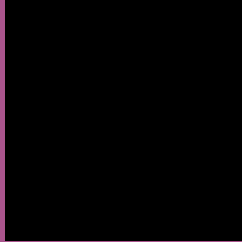
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.7990, 32.6840, 35.4360

Background



This preview shows how black text looks on a background with the YIQ color 116.7990, 32.6840, 35.4360.



This preview shows how white text looks on a background with the YIQ color 116.7990, 32.6840,

35.4360.

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

116.7990, 32.6840, 35.4360

Protanopia

114.6990, -23.4770, 12.4830

Deuteranopia

115.9320, -5.3200, 8.3120



Tritanopia

116.3260, 40.6650, 17.4410

Trichromacy



Original Color

116.7990, 32.6840, 35.4360

Protanomaly

115.3920, -3.2590, 20.5250

Deuteranomaly

116.2700, 8.7080, 18.4040

Tritanomaly

116.5740, 37.2710, 23.8870

Monochromacy



Original Color

116.7990, 32.6840, 35.4360

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.6630, 11.7350, 13.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.7990, 32.6840, 35.4360 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(170, 85, 141)` looks like.

```
.text, #text, p{  
    color:rgb(170, 85, 141)  
}
```

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(170, 85, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 85, 141) }
```

Border

The CSS property to change the border of an element to YIQ 116.7990, 32.6840, 35.4360 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(170, 85, 141) }
```


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

```
.border{ border-color:rgb(170, 85, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 85, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 85, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 85, 141);  
box-shadow:4px 4px 4px 4px rgb(170, 85,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 116.7990, 32.6840, 35.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 85, 141) }
```

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

```
.background{ background-color: rgb(170, 85,  
141) }
```

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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