

Converting Colors

YIQ(113.4770, 32.0360, 69.2200)

Have a look what the booklet for
YIQ(113.4770, 32.0360, 69.2200)
contains.

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Color

**YIQ(113.4770, 32.0360,
69.2200)**

Conversions

Conversions Part 1	
Format	Color
Hex	BB3CC4
RGB	187, 60, 196
RGB Percent	73%, 24%, 77%
CMY	0.2663, 0.7649, 0.2313
CMYK	0.05, 0.69, 0.00, 0.23
HSL	296°, 54%, 50%
HSV	296°, 69%, 77%
XYZ	32.0952, 17.7892, 53.9699
YIQ	113.4770, 32.0360, 69.2200

Conversions

Conversions Part 2

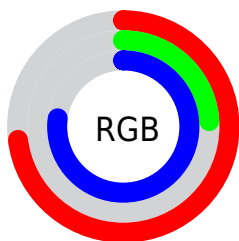
Format	Color
RYB	187, 60, 196
Decimal	12270788
CIELab	49.24, 66.98, -45.80
CIELCh	49, 81.137, 325.635
Yxy	17.7892, 0.3090, 0.1713
Android (android.graphics.Color)	4290460868 (0xFFBB3CC4)
YUV	113.4770, 40.6838, 64.4797
Hunter-Lab	42.1772, 62.0212, -46.3434

Details

The YIQ color **113.4770, 32.0360, 69.2200** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **142.5230, -32.0360, -69.2200**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6620, 32.9530, 69.1210**, and **55.0580, 31.8980, 71.7220** is the 20% darker color. If you saturate the color by 10%, you get **101.4380, 36.9400, 79.4680**, and if you desaturate by 10%, it is **125.5160, 27.1320, 58.9720**.

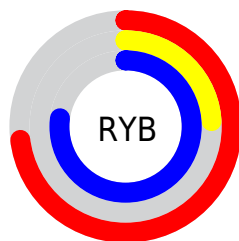
Distribution



Red (73%)

Green (24%)

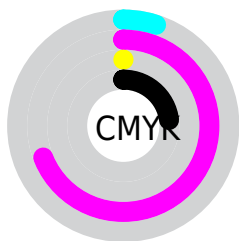
Blue (77%)



Red (73%)

Yellow (24%)

Blue (77%)

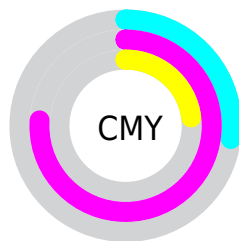


Cyan (5%)

Magenta (69%)

Yellow (0%)

Black (23%)



Cyan (27%)

Magenta (76%)


Yellow (23%)


Brightness & Saturation


Gradients


These gradients show how the YIQ color 113.4770, 32.0360, 69.2200 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 113.4770, 32.0360, 69.2200 by changing the saturation by 10% instead.


 113.4770, 32.0360,
69.2200


 113.4770, 32.0360,
69.2200


 255.0000, -0.0000,
-0.0000

 80.4820, 33.6400,
73.1920


 171.6620, 32.9530,
69.1210


 55.0580, 31.8980,
71.7220

 191.0170, 29.9750,
57.0070

 43.6080, 23.8770,
57.3890


 208.0400, 22.0000,
41.8400

 32.6850, 15.8100,
43.8900

 225.0630, 14.0250,
26.6730

 22.4740, 8.6140,
31.1260

 242.0860, 6.0500,
11.5060

 9.6860, -4.2670,
16.7650

 2.9810, -7.0160,

6.0080

0.0000, 0.0000,
0.0000

113.4770, 32.0360,
69.2200

113.4770, 32.0360,
69.2200

101.4380, 36.9400,
79.4680

125.5160, 27.1320,
58.9720

89.9860, 41.5690,
89.1930

137.2670, 23.0990,
49.4590


77.6480, 45.8770,
99.2290

149.3060, 18.1950,
39.2110

77.0610, 46.1520,
99.7520

160.7580, 13.5660,
29.4860

173.0960, 9.2580,
19.4500

 185.1350, 4.3540,
9.2020

 196.5870, -0.2750,
-0.5230

 208.6260, -5.1790,
-10.7710

 220.3770, -9.2120,
-20.2840

Harmonies

Analogous

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



110.8870, -61.0320, 37.8160



113.4770, 32.0360, 69.2200



83.2910, 94.7540, 88.9780

Triad

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



113.4770, 32.0360, 69.2200



110.3060, 59.4710, -26.0410



105.6520, -96.3250, -21.9330

Complementary

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



113.4770, 32.0360, 69.2200



142.5230, -32.0360, -69.2200

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.



97.0850, -73.5800, -43.1800



113.4770, 32.0360, 69.2200



101.4260, 14.3140, -50.1820

Square

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



113.4770, 32.0360, 69.2200



105.8850, 98.3460, 1.8180



85.1440, -46.8460, -65.1340



109.6880, -113.2010, -2.4250

Rectangle

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



113.4770, 32.0360, 69.2200



79.6560, 112.1790, 76.0430



85.1440, -46.8460, -65.1340



103.0300, -88.9420, -29.0860

Sweetspot

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



113.4770, 32.0360, 69.2200



222.1060, 12.4660, 27.3940



80.7870, -46.1310, 37.5890



108.3190, 7.0120, 16.1000



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.



113.4770, 32.0360, 69.2200



126.3700, 49.9560, 107.9080



109.4420, 56.3390, 52.7790



90.8310, 2.1540, 5.0180



63.2040, 37.7190, 81.8710



13.0310, 7.8830, 16.8350

Inverse Universe

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



101.6900, 78.1670, 31.6310



107.9840, 121.8580, 49.2980



146.5580, -56.3390, -52.7790



90.1040, 5.6390, 2.4310



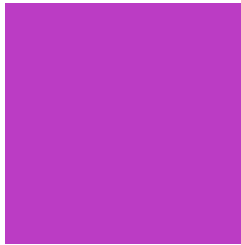
49.3930, 92.4250, 37.5530



10.0950, 19.0260, 7.6180

Previews

White Background



This preview shows how the YIQ color 113.4770, 32.0360, 69.2200 looks on a white background.

Color Contrast Check

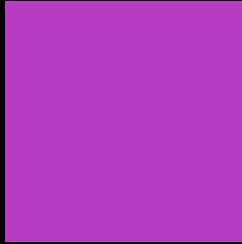
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.4770, 32.0360, 69.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

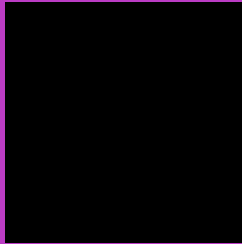
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.4770, 32.0360, 69.2200

Background



This preview shows how black text looks on a background with the YIQ color 113.4770, 32.0360, 69.2200.



This preview shows how white text looks on a background with the YIQ color 113.4770, 32.0360,

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

113.4770, 32.0360, 69.2200

Deuteranopia

114.2050, -45.3930, 13.1910

Tritanopia

117.6150, 47.2210, 19.7730

Trichromacy



Original Color
113.4770, 32.0360, 69.2200

Deuteranomaly
113.8810, -17.3370, 33.3750

Tritanomaly
115.7570, 41.6700, 37.7820

Monochromacy



Original Color
113.4770, 32.0360, 69.2200

Achromatopsia
113.0000, -0.0000, 0.0000

Achromatomaly
113.3400, 11.6870, 24.9910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.4770, 32.0360, 69.2200 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(187, 60, 196)` looks like.

```
.text, #text, p{  
    color:rgb(187, 60, 196)  
}
```

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(187, 60, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 60, 196) }
```

Border

The CSS property to change the border of an element to YIQ 113.4770, 32.0360, 69.2200 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(187, 60, 196) }
```

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

```
.border{ border-color:rgb(187, 60, 196) }
```

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

Here you see how a box with a 4 pixel rgb(187, 60, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 60, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 60, 196);  
box-shadow:4px 4px 4px 4px rgb(187, 60,  
196) }
```


Background

The CSS property to change the background color of an element to YIQ 113.4770, 32.0360, 69.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 60, 196) }
```

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

```
.background{ background-color: rgb(187, 60,  
196) }
```

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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