

Converting Colors

YIQ(150.6970, 32.7310, 29.0750)

Have a look what the booklet for
YIQ(150.6970, 32.7310, 29.0750)
contains.

YIQ(150.6970, 32.7310, 29.0750)	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(150.6970, 32.7310,
29.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	C87BA4
RGB	200, 123, 164
RGB Percent	78%, 48%, 64%
CMY	0.2155, 0.5178, 0.3568
CMYK	0.00, 0.39, 0.18, 0.22
HSL	328°, 41%, 63%
HSV	328°, 39%, 78%
XYZ	37.6157, 29.1258, 38.7731
YIQ	150.6970, 32.7310, 29.0750

Conversions

Conversions Part 2

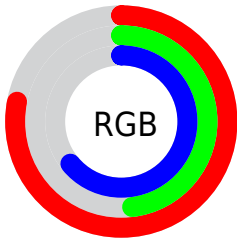
Format	Color
R _Y B	200, 123, 164
Decimal	13138852
CIE Lab	60.89, 35.66, -9.19
CIE LCh	61, 36.827, 345.555
Yxy	29.1258, 0.3565, 0.2760
Android (android.graphics.Color)	4291328932 (0xFFC87BA4)
YUV	150.6970, 6.5584, 43.2387
Hunter-Lab	53.9684, 29.9690, -4.8185

Details

The YIQ color **150.6970, 32.7310, 29.0750** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **172.3030, -32.7310, -29.0750**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1100, 33.0060, 29.5980**, and **98.0880, 30.0720, 27.7040** is the 20% darker color. If you saturate the color by 10%, you get **137.9310, 41.1200, 36.7360**, and if you desaturate by 10%, it is **163.4630, 24.3420, 21.4140**.

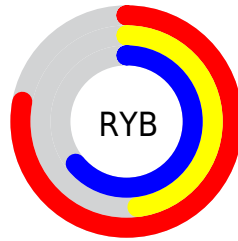
Distribution



Red (78%)

Green (48%)

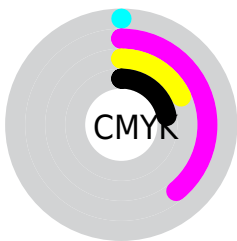
Blue (64%)



Red (78%)

Yellow (48%)

Blue (64%)

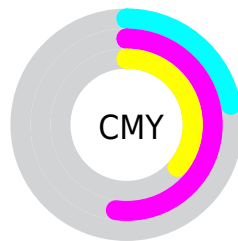


Cyan (0%)

Magenta (39%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (52%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.6970, 32.7310, 29.0750 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 150.6970, 32.7310, 29.0750 by changing the saturation by 10% instead.


 150.6970, 32.7310,
29.0750


 150.6970, 32.7310,
29.0750


255.0000, -0.0000,
-0.0000

 124.0990, 31.5390,
28.6510


 205.1100, 33.0060,
29.5980


 98.0880, 30.0720,
27.7040


 224.7380, 16.3180,
23.6620

 72.9030, 29.1550,
27.8030

 242.0860, 6.0500,
11.5060

 47.7180, 28.2380,
27.9020

 24.5220, 25.8540,
27.0540

 15.9630, 19.7580,
16.3820

 0.0000, 0.0000,

0.0000

■ 150.6970, 32.7310,
29.0750

■ 150.6970, 32.7310,
29.0750

■ 137.9310, 41.1200,
36.7360

■ 163.4630, 24.3420,
21.4140

■ 125.0510, 49.8300,
44.0860

■ 176.3430, 15.6320,
14.0640

■ 112.2850, 58.2190,
51.7470

■ 189.1090, 7.2430,
6.4030

■ 99.5190, 66.6080,
59.4080

■ 201.8750, -1.1460,
-1.2580

■ 86.6390, 75.3180,
66.7580

■ 214.7550, -9.8560,
-8.6080

■ 73.8730, 83.7070,
74.4190

■ 227.5210,
-18.2450, -16.2690

■ 71.9980, 84.8530,
75.6770

■ 235.5910,
-24.4340, -19.7460

■ 236.7310,
-27.6440, -16.6360

■ 237.7570,
-30.5330, -13.8370

Harmonies

Analogous

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



150.9140, 4.2590, 27.4510



150.6970, 32.7310, 29.0750



148.7510, 49.8340, 21.9780

Triad

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



150.6970, 32.7310, 29.0750



142.6610, 22.1030, -20.6250



116.3950, -105.9070, -24.4910

Complementary

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



150.6970, 32.7310, 29.0750



172.3030, -32.7310, -29.0750

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.



114.8500, -97.4230, -35.0790



150.6970, 32.7310, 29.0750



138.2320, -7.6060, -27.3660

Square

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



150.6970, 32.7310, 29.0750



145.8750, 42.4120, -8.7240



131.7300, -44.2390, -29.7670



134.5450, -70.3780, -2.0740

Rectangle

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



150.6970, 32.7310, 29.0750



147.9220, 53.3660, 13.0300



131.7300, -44.2390, -29.7670



116.6570, -103.8890, -28.0250

Sweetspot

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



150.6970, 32.7310, 29.0750



235.2070, 13.0190, 11.8590



142.5420, -3.2610, 31.5790



116.4080, 7.8390, 6.6150



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.



150.6970, 32.7310, 29.0750



180.0510, 49.8300, 44.0860



146.3650, 44.9290, 17.2570



93.2610, 3.7590, 3.4630



58.6550, 69.2210, 61.6130



12.9300, 15.3570, 13.5410

Inverse Universe

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



150.6970, 32.7310, 29.0750



180.0510, 49.8300, 44.0860



176.6350, -44.9290, -17.2570



93.2610, 3.7590, 3.4630



58.6550, 69.2210, 61.6130



12.9300, 15.3570, 13.5410

Previews

White Background



This preview shows how the YIQ color 150.6970, 32.7310, 29.0750 looks on a white background.

Color Contrast Check

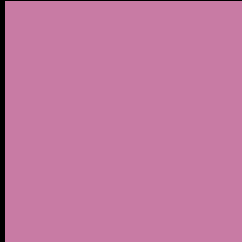
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.6970, 32.7310, 29.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

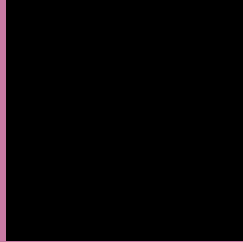
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.6970, 32.7310, 29.0750

Background



This preview shows how black text looks on a background with the YIQ color 150.6970, 32.7310, 29.0750.



This preview shows how white text looks on a background with the YIQ color 150.6970, 32.7310,

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

150.6970, 32.7310, 29.0750

Protanopia

147.9680, -14.1690, 8.9910

Deuteranopia

148.8250, 2.2910, 8.0430



Tritanopia

149.7710, 37.9140, 17.7380

Trichromacy



Original Color

150.6970, 32.7310, 29.0750

Protanomaly

149.2800, 2.7480, 16.2840

Deuteranomaly

149.6140, 13.4310, 15.4070

Tritanomaly

149.9220, 36.1710, 21.7950

Monochromacy



Original Color

150.6970, 32.7310, 29.0750

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.0820, 11.8730, 10.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.6970, 32.7310, 29.0750 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(200, 123, 164)` looks like.

```
.text, #text, p{  
    color:rgb(200, 123, 164)  
}
```

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(200, 123, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 123, 164) }
```

Border

The CSS property to change the border of an element to YIQ 150.6970, 32.7310, 29.0750 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(200, 123, 164) }
```


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

```
.border{ border-color:rgb(200, 123, 164) }
```

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

Here you see how a box with a 4 pixel rgb(200, 123, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 123, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 123, 164);  
box-shadow:4px 4px 4px 4px rgb(200, 123,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 150.6970, 32.7310, 29.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 123, 164) }
```

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

```
.background{ background-color: rgb(200,  
123, 164) }
```

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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