

Converting Colors

YIQ(66.6950, 29.3270, 90.7910)

Have a look what the booklet for
YIQ(66.6950, 29.3270, 90.7910)
contains.

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Color

**YIQ(66.6950, 29.3270,
90.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	9700BD
RGB	151, 0, 189
RGB Percent	59%, 0%, 74%
CMY	0.4074, 1.0000, 0.2589
CMYK	0.20, 1.00, 0.00, 0.26
HSL	288°, 100%, 37%
HSV	288°, 100%, 74%
XYZ	21.9696, 10.2647, 48.9631
YIQ	66.6950, 29.3270, 90.7910

Conversions

Conversions Part 2

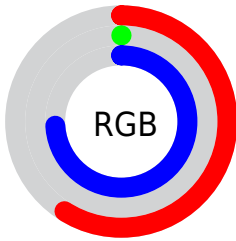
Format	Color
R_{YB}	151, 0, 189
Decimal	9896125
CIE _{Lab}	38.31, 72.74, -59.58
CIE _{LCh}	38, 94.030, 320.680
Yxy	10.2647, 0.2706, 0.1264
Android (android.graphics.Color)	4288086205 (0xFF9700BD)
YUV	66.6950, 60.2964, 73.9355
Hunter-Lab	32.0386, 66.3335, -68.1830

Details

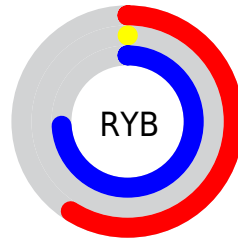
The YIQ color **66.6950, 29.3270, 90.7910** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **122.3050, -29.3270, -90.7910**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.3810, 23.9190, 78.6630**, and **43.3820, 13.0100, 61.6020** is the 20% darker color. If you saturate the color by 10%, you get **66.6950, 29.3270, 90.7910**, and if you desaturate by 10%, it is **79.0440, 26.4860, 81.7020**.

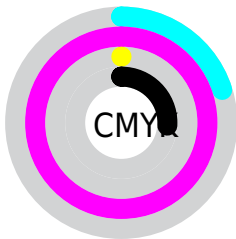
Distribution



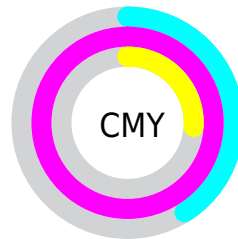
- Red (59%)
- Green (0%)
- Blue (74%)



- Red (59%)
- Yellow (0%)
- Blue (74%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (41%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.6950, 29.3270, 90.7910 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 66.6950, 29.3270, 90.7910 by changing the saturation by 10% instead.

66.6950, 29.3270,
90.7910

66.6950, 29.3270,
90.7910

255.0000, -0.0000,
-0.0000

54.8320, 21.0310,
75.9350

138.3810, 23.9190,
78.6630

43.3820, 13.0100,
61.6020

165.9870, 30.6600,
72.1320

31.7470, 4.0720,
47.3680

186.9080, 31.9000,
60.6680

20.8240, -3.9950,
33.8690

203.9310, 23.9250,
45.5010

6.7260, -18.9390,
18.3490

220.9540, 15.9500,
30.3340

5.2780, -12.1060,
10.1500

237.9770, 7.9750,

1.3680, -3.8520,

15.1670

3.7320

■ 0.0000, 0.0000,
0.0000

■ 66.6950, 29.3270,
90.7910

■ 79.0440, 26.4860,
81.7020

■ 91.3930, 23.6450,
72.6130

■ 103.4430, 20.2080,
63.3120

■ 115.7920, 17.3670,
54.2230

■ 128.1410, 14.5260,
45.1340

■ 139.9030, 11.9600,
36.5680

■ 152.2520, 9.1190,
27.4790

■ 164.3020, 5.6820,
18.1780

■ 176.6510, 2.8410,
9.0890

Harmonies

Analogous

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



75.7390, -98.9020, 30.2980



66.6950, 29.3270, 90.7910



74.9320, 85.2190, 80.0590

Triad

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



66.6950, 29.3270, 90.7910



85.2430, 55.7550, -13.7570



85.5680, -78.3530, -17.2410

Complementary

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



66.6950, 29.3270, 90.7910



122.3050, -29.3270, -90.7910

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.



75.2740, -52.1230, -41.0750



66.6950, 29.3270, 90.7910



77.2160, 6.5180, -41.0500

Square

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



66.6950, 29.3270, 90.7910



64.9840, 103.5220, 29.1700



65.7440, -30.8000, -58.5760



92.6190, -99.5850, 4.1190

Rectangle

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



66.6950, 29.3270, 90.7910



71.7380, 105.7160, 66.5160



65.7440, -30.8000, -58.5760



82.0170, -69.7320, -24.8040

Sweetspot

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



66.6950, 29.3270, 90.7910



197.0770, 11.4100, 35.5220



45.6130, -71.9440, 37.3360



93.7800, 7.3320, 21.3160



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



66.6950, 29.3270, 90.7910



86.5340, 38.1710, 117.7470



71.9010, 69.3090, 82.0530



88.1190, 1.2830, 4.2830



55.6860, 24.3780, 75.8500



10.7100, 4.3530, 14.7290

Inverse Universe

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



60.8430, 100.4460, 51.8860



78.8410, 130.2910, 67.1790



117.0990, -69.3090, -82.0530



87.9190, 4.7220, 2.5300



50.8900, 83.8960, 43.4480



9.9530, 16.5500, 8.4380

Previews

White Background



This preview shows how the YIQ color 66.6950, 29.3270, 90.7910 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 66.6950, 29.3270, 90.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

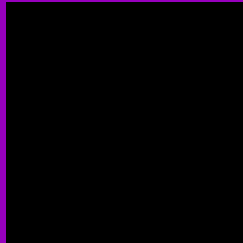
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.6950, 29.3270, 90.7910

Background



This preview shows how black text looks on a background with the YIQ color 66.6950, 29.3270, 90.7910.



This preview shows how white text looks on a background with the YIQ color 66.6950, 29.3270,

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

66.6950, 29.3270, 90.7910

Protanopia

73.6750, -84.8230, 11.9210

Deuteranopia

74.5750, -79.0900, 1.6300



Tritanopia

92.8090, 34.7510, 14.4870

Trichromacy



Original Color

66.6950, 29.3270, 90.7910

Protanomaly

71.3360, -43.2430, 40.3170

Deuteranomaly

71.5010, -39.5740, 34.3940

Tritanomaly

83.3140, 32.9120, 42.3200

Monochromacy



Original Color

66.6950, 29.3270, 90.7910

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.1970, 10.9520, 32.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.6950, 29.3270, 90.7910 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(151, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(151, 0, 189)  
}
```

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(151, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 0, 189) }
```

Border

The CSS property to change the border of an element to YIQ 66.6950, 29.3270, 90.7910 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(151, 0, 189) }
```


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

```
.border{ border-color:rgb(151, 0, 189) }
```

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

Here you see how a box with a 4 pixel rgb(151, 0, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(151, 0,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 66.6950, 29.3270, 90.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 0, 189) }
```

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

```
.background{ background-color: rgb(151, 0,  
189) }
```

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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