

Converting Colors

YIQ(66.3250, 27.4930, 90.9890)

Have a look what the booklet for
YIQ(66.3250, 27.4930, 90.9890)
contains.

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Color

**YIQ(66.3250, 27.4930,
90.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	9500BF
RGB	149, 0, 191
RGB Percent	58%, 0%, 75%
CMY	0.4152, 1.0000, 0.2510
CMYK	0.22, 1.00, 0.00, 0.25
HSL	287°, 100%, 37%
HSV	287°, 100%, 75%
XYZ	21.8193, 10.1621, 50.0960
YIQ	66.3250, 27.4930, 90.9890

Conversions

Conversions Part 2

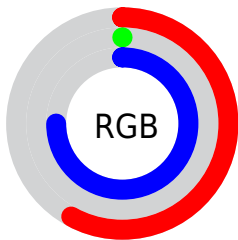
Format	Color
R_{YB}	149, 0, 191
Decimal	9765055
CIE _{Lab}	38.13, 72.83, -61.07
CIE _{LCh}	38, 95.042, 320.018
Yxy	10.1621, 0.2658, 0.1238
Android (android.graphics.Color)	4287955135 (0xFF9500BF)
YUV	66.3250, 61.4648, 72.5060
Hunter-Lab	31.8780, 66.3903, -70.8590

Details

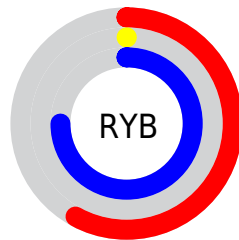
The YIQ color **66.3250, 27.4930, 90.9890** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **124.6750, -27.4930, -90.9890**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.0110, 22.0850, 78.8610**, and **42.7130, 10.5800, 61.5880** is the 20% darker color. If you saturate the color by 10%, you get **66.3250, 27.4930, 90.9890**, and if you desaturate by 10%, it is **78.6740, 24.6520, 81.9000**.

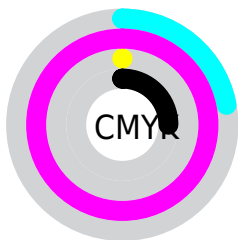
Distribution



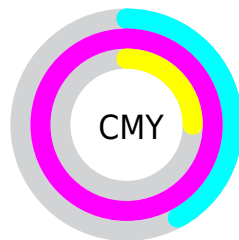
- Red (58%)
- Green (0%)
- Blue (75%)



- Red (58%)
- Yellow (0%)
- Blue (75%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.3250, 27.4930, 90.9890 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 66.3250, 27.4930, 90.9890 by changing the saturation by 10% instead.

66.3250, 27.4930,
90.9890

66.3250, 27.4930,
90.9890

255.0000, -0.0000,
-0.0000

54.4620, 19.1970,
76.1330

138.0110, 22.0850,
78.8610

43.0120, 11.1760,
61.8000

164.8020, 29.7430,
72.2310

31.3770, 2.2380,
47.5660

186.9080, 31.9000,
60.6680

20.1550, -6.4250,
33.8550

203.9310, 23.9250,
45.5010

6.8400, -19.2600,
18.6600

220.9540, 15.9500,
30.3340

5.5060, -12.7480,
10.7720

237.9770, 7.9750,

2.1830, -4.7690,

15.1670

3.8310

■ 0.0000, 0.0000,
0.0000

■ 66.3250, 27.4930,
90.9890

■ 78.6740, 24.6520,
81.9000

■ 91.0230, 21.8110,
72.8110

■ 103.6710, 19.5660,
63.9340

■ 116.0200, 16.7250,
54.8450

■ 128.9560, 13.6090,
45.2330

■ 141.3050, 10.7680,
36.1440

■ 153.6540, 7.9270,
27.0550

■ 166.3020, 5.6820,
18.1780

■ 178.6510, 2.8410,
9.0890

Harmonies

Analogous

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



75.9670, -99.5440, 30.9200



66.3250, 27.4930, 90.9890



75.1600, 84.5770, 80.6810

Triad

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



66.3250, 27.4930, 90.9890



84.9550, 56.6260, -13.0220



85.3400, -77.7110, -17.8630

Complementary

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



66.3250, 27.4930, 90.9890



124.6750, -27.4930, -90.9890

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.



74.9320, -51.1600, -42.0080



66.3250, 27.4930, 90.9890



76.9280, 7.3890, -40.3150

Square

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



66.3250, 27.4930, 90.9890



60.0000, 106.5930, 34.0890



65.1570, -30.5250, -58.0530



92.6190, -99.5850, 4.1190

Rectangle

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



66.3250, 27.4930, 90.9890



71.8520, 105.3950, 66.8270



65.1570, -30.5250, -58.0530



81.7890, -69.0900, -25.4260

Sweetspot

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



66.3250, 27.4930, 90.9890



198.7780, 10.8140, 35.3100



48.1890, -73.6860, 35.8660



95.5950, 6.4150, 21.4150



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



66.3250, 27.4930, 90.9890



85.8650, 35.7410, 117.7330



73.0690, 68.8960, 84.0320



88.1190, 1.2830, 4.2830



54.7890, 22.5900, 75.2140



10.7100, 4.3530, 14.7290

Inverse Universe

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



61.8970, 100.3540, 53.5540



80.0090, 129.8780, 69.1580



117.9310, -68.8960, -84.0320



87.9190, 4.7220, 2.5300



51.2320, 82.9330, 44.3810



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 66.3250, 27.4930, 90.9890 looks on a white background.

Color Contrast Check

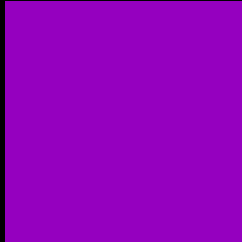
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.3250, 27.4930, 90.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

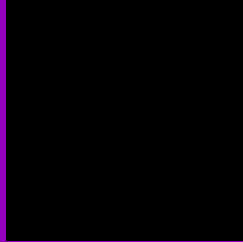
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.3250, 27.4930, 90.9890

Background



This preview shows how black text looks on a background with the YIQ color 66.3250, 27.4930, 90.9890.



This preview shows how white text looks on a background with the YIQ color 66.3250, 27.4930,

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

66.3250, 27.4930, 90.9890

Protanopia

73.5610, -84.5020, 11.6100

Deuteranopia

73.8740, -78.4940, 1.8420



Tritanopia

92.9120, 32.9630, 13.8510

Trichromacy



Original Color

66.3250, 27.4930, 90.9890

Protanomaly

71.0370, -43.8390, 40.1050

Deuteranomaly

71.2020, -40.1700, 34.1820

Tritanomaly

83.4170, 31.1240, 41.6840

Monochromacy



Original Color

66.3250, 27.4930, 90.9890

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.0120, 10.0350, 32.9070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.3250, 27.4930, 90.9890 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(149, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(149, 0, 191)  
}
```

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(149, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 0, 191) }
```

Border

The CSS property to change the border of an element to YIQ 66.3250, 27.4930, 90.9890 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(149, 0, 191) }
```


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

```
.border{ border-color:rgb(149, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(149, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(149, 0,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 66.3250, 27.4930, 90.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 0, 191) }
```

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

```
.background{ background-color: rgb(149, 0,  
191) }
```

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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