

Converting Colors

YIQ(89.6530, -16.6950, 32.7530)

Have a look what the booklet for
YIQ(89.6530, -16.6950, 32.7530)
contains.

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Color

**YIQ(89.6530, -16.6950,
32.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	5E49A4
RGB	94, 73, 164
RGB Percent	37%, 29%, 64%
CMY	0.6313, 0.7138, 0.3570
CMYK	0.43, 0.55, 0.00, 0.36
HSL	254°, 38%, 46%
HSV	254°, 55%, 64%
XYZ	13.6986, 9.8242, 36.2797
YIQ	89.6530, -16.6950, 32.7530

Conversions

Conversions Part 2

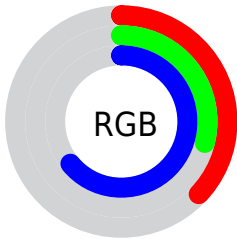
Format	Color
R_{YB}	94, 73, 164
Decimal	6179236
CIE _{Lab}	37.52, 31.44, -46.37
CIE _{LCh}	38, 56.022, 304.137
Yxy	9.8242, 0.2291, 0.1643
Android (android.graphics.Color)	4284369316 (0xFF5E49A4)
YUV	89.6530, 36.6531, 3.8123
Hunter-Lab	31.3435, 23.1615, -46.6870

Details

The YIQ color **89.6530, -16.6950, 32.7530** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **147.3470, 16.6950, -32.7530**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.9460, -15.9620, 35.9900**, and **40.7510, -20.0870, 28.1450** is the 20% darker color. If you saturate the color by 10%, you get **76.3740, -20.0430, 38.3650**, and if you desaturate by 10%, it is **102.9320, -13.3470, 27.1410**.

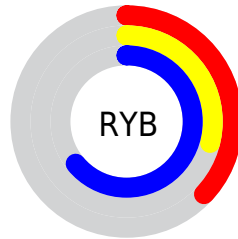
Distribution



Red (37%)

Green (29%)

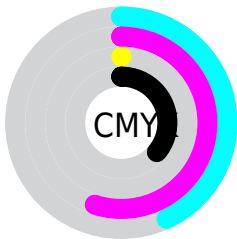
Blue (64%)



Red (37%)

Yellow (29%)

Blue (64%)

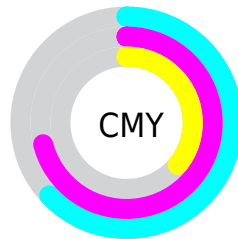


Cyan (43%)

Magenta (55%)

Yellow (0%)

Black (36%)



Cyan (63%)

Magenta (71%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.6530, -16.6950, 32.7530 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 89.6530, -16.6950, 32.7530 by changing the saturation by 10% instead.

■ 89.6530, -16.6950,
32.7530

■ 89.6530, -16.6950,
32.7530

■ 255.0000, -0.0000,
-0.0000

■ 65.0010, -17.7950,
30.6610

■ 140.9460,
-15.9620, 35.9900

■ 40.7510, -20.0870,
28.1450

■ 167.7720,
-15.4120, 37.0360

■ 14.2120, -28.9350,
23.2970

■ 193.0900, -7.8000,
31.2400

■ 7.1820, -20.2230,
19.5930

■ 218.1970, 1.7840,
22.7440

■ 6.3210, -13.6650,
10.8710

■ 240.9120, 6.6000,
12.5520

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,

0.0000

■ 89.6530, -16.6950,
32.7530

■ 89.6530, -16.6950,
32.7530

■ 76.3740, -20.0430,
38.3650

■ 102.9320,
-13.3470, 27.1410

■ 62.8070, -22.5200,
44.7120

■ 116.4990,
-10.8700, 20.7940

■ 49.5280, -25.8680,
50.3240

■ 129.7780, -7.5220,
15.1820

■ 35.9610, -28.3450,
56.6710

■ 143.3450, -5.0450,
8.8350

■ 30.0580, -29.9960,
59.0600

■ 156.6240, -1.6970,
3.2230

■ 169.9030, 1.6510,
-2.3890

■ 183.4700, 4.1280,
-8.7360

■ 196.7490, 7.4760,
-14.3480

■ 210.3160, 9.9530,
-20.6950

Harmonies

Analogous

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



74.4100, -82.7590, 7.5530



89.6530, -16.6950, 32.7530



86.5360, 32.4070, 45.9670

Triad

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



89.6530, -16.6950, 32.7530



82.9390, 62.7230, -7.8770



74.1120, -59.8740, -27.2500

Complementary

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



89.6530, -16.6950, 32.7530



147.3470, 16.6950, -32.7530

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.



67.4660, -43.9160, -41.1320



89.6530, -16.6950, 32.7530



82.1540, 36.5920, -24.4000

Square

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



89.6530, -16.6950, 32.7530



80.2880, 70.1910, 21.9910



74.8460, 4.6840, -40.8520



79.1280, -73.9980, -13.5660

Rectangle

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



89.6530, -16.6950, 32.7530



80.5680, 55.7440, 47.0400



74.8460, 4.6840, -40.8520



71.7010, -54.4630, -31.7030

Sweetspot

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



89.6530, -16.6950, 32.7530



184.4960, -6.7880, 12.8920



125.0510, -48.7360, -8.8320



89.8890, -3.7610, 7.5910



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



89.6530, -16.6950, 32.7530



97.1690, -26.2350, 51.4690



102.8090, 9.5290, 42.0810



74.6240, -1.6970, 3.2230



26.6960, -26.2810, 52.3030



3.2480, -3.3940, 6.4460

Inverse Universe

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



108.1890, 31.7660, 41.0620



126.2970, 49.9180, 64.5260



134.1910, -9.5290, -42.0810



76.4890, 3.1170, 4.0850



56.1230, 50.4680, 65.5720



6.9780, 6.2340, 8.1700

Previews

White Background



This preview shows how the YIQ color 89.6530, -16.6950, 32.7530 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 ✓ Pass

Black Background



This preview shows how the YIQ color 89.6530, -16.6950, 32.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

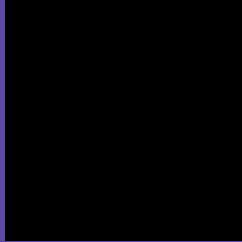
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.6530, -16.6950, 32.7530

Background



This preview shows how black text looks on a background with the YIQ color 89.6530, -16.6950, 32.7530.



This preview shows how white text looks on a background with the YIQ color 89.6530, -16.6950,

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

89.6530, -16.6950, 32.7530

Protanopia

77.8470, -64.6960, 16.1040

Deuteranopia

70.9560, -75.7890, 2.3790



Tritanopia

87.2100, -9.3990, -0.3670

Trichromacy



Original Color

89.6530, -16.6950, 32.7530

Protanomaly

82.4040, -47.0910, 21.9410

Deuteranomaly

77.8280, -54.5170, 13.3470

Tritanomaly

88.2180, -11.8770, 11.5070

Monochromacy



Original Color

89.6530, -16.6950, 32.7530

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.8550, -6.4210, 11.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.6530, -16.6950, 32.7530 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(94, 73, 164)` looks like.

```
.text, #text, p{  
    color:rgb(94, 73, 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(94, 73, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 73, 164) }
```

Border

The CSS property to change the border of an element to YIQ 89.6530, -16.6950, 32.7530 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(94, 73, 164) }
```


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

```
.border{ border-color:rgb(94, 73, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 73, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 73, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 73, 164);  
box-shadow:4px 4px 4px 4px rgb(94, 73,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 89.6530, -16.6950, 32.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 73, 164) }
```

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

```
.background{ background-color: rgb(94, 73,  
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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