

Converting Colors

YIQ(89.0530, 56.6570, 69.0490)

Have a look what the booklet for
YIQ(89.0530, 56.6570, 69.0490)
contains.

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Color

**YIQ(89.0530, 56.6570,
69.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	BA1D90
RGB	186, 29, 144
RGB Percent	73%, 11%, 56%
CMY	0.2701, 0.8865, 0.4352
CMYK	0.00, 0.84, 0.23, 0.27
HSL	316°, 73%, 42%
HSV	316°, 84%, 73%
XYZ	25.7517, 13.3435, 27.6177
YIQ	89.0530, 56.6570, 69.0490

Conversions

Conversions Part 2

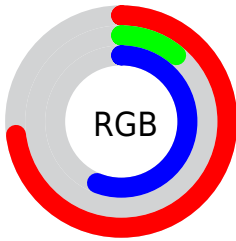
Format	Color
R_{YB}	186, 29, 144
Decimal	12197264
CIE _{Lab}	43.28, 68.04, -24.40
CIE _{LCh}	43, 72.280, 340.270
Yxy	13.3435, 0.3860, 0.2000
Android (android.graphics.Color)	4290387344 (0xFFBA1D90)
YUV	89.0530, 27.0889, 85.0225
Hunter-Lab	36.5288, 61.9120, -19.2563

Details

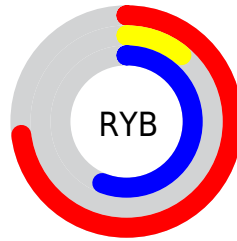
The YIQ color **89.0530, 56.6570, 69.0490** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **125.9470, -56.6570, -69.0490**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.8910, 56.9330, 64.0450**, and **48.8740, 46.4350, 56.0590** is the 20% darker color. If you saturate the color by 10%, you get **77.3300, 63.4870, 77.4310**, and if you desaturate by 10%, it is **100.7760, 49.8270, 60.6670**.

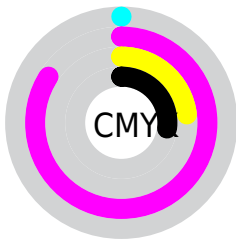
Distribution



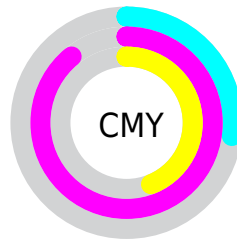
- Red (73%)
- Green (11%)
- Blue (56%)



- Red (73%)
- Yellow (11%)
- Blue (56%)



- Cyan (0%)
- Magenta (84%)
- Yellow (23%)
- Black (27%)



- Cyan (27%)
- Magenta (89%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.0530, 56.6570, 69.0490 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 89.0530, 56.6570, 69.0490 by changing the saturation by 10% instead.

89.0530, 56.6570,
69.0490

89.0530, 56.6570,
69.0490

255.0000, -0.0000,
-0.0000

60.3950, 55.6940,
69.9820

151.8910, 56.9330,
64.0450

48.8740, 46.4350,
56.0590

174.7970, 45.3340,
59.4940

37.7660, 37.4510,
42.6590

195.1260, 28.0500,
53.3460

27.1850, 28.4210,
30.0930

212.1490, 20.0750,
38.1790

16.3050, 18.7950,
17.3150

229.1720, 12.1000,
23.0120

0.0000, 0.0000,
0.0000

246.7820, 3.8500,

7.3220

■ 89.0530, 56.6570,
69.0490

■ 89.0530, 56.6570,
69.0490

■ 77.3300, 63.4870,
77.4310

■ 100.7760, 49.8270,
60.6670

■ 71.1180, 67.2000,
81.7280

■ 111.9120, 43.2720,
52.8080

■ 123.6350, 36.4420,
44.4260

■ 134.7710, 29.8870,
36.5670

■ 146.4940, 23.0570,
28.1850

■ 158.2170, 16.2270,
19.8030

■ 169.3530, 9.6720,
11.9440

■ 181.0760, 2.8420,
3.5620

■ 192.2120, -3.7130,
-4.2970

Harmonies

Analogous

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



103.6410, -7.2530, 48.8670



89.0530, 56.6570, 69.0490



70.6860, 94.2990, 69.6830

Triad

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



89.0530, 56.6570, 69.0490



93.9160, 34.0260, -32.9660



94.3680, -92.1090, -10.2290

Complementary

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



89.0530, 56.6570, 69.0490



125.9470, -56.6570, -69.0490

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.



88.4570, -74.0870, -28.4790



89.0530, 56.6570, 69.0490



78.5240, -15.4410, -56.0890

Square

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



89.0530, 56.6570, 69.0490



95.9520, 69.8760, -10.8600



80.1010, -53.3140, -47.0260



95.0640, -102.3360, 4.4160

Rectangle

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



89.0530, 56.6570, 69.0490



83.8170, 94.1670, 39.0230



80.1010, -53.3140, -47.0260



93.0170, -86.9270, -16.0390

Sweetspot

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



89.0530, 56.6570, 69.0490



204.9560, 21.6360, 26.4040



59.4560, -25.3650, 57.7310



99.8420, 12.7890, 16.0290



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.



89.0530, 56.6570, 69.0490



92.5360, 87.4150, 106.3510



80.1610, 81.6950, 44.7910



86.3750, 3.4380, 3.7740



59.6400, 56.3820, 68.5260



10.7660, 9.9470, 12.4670

Inverse Universe

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



89.0530, 56.6570, 69.0490



92.5360, 87.4150, 106.3510



134.8390, -81.6950, -44.7910



86.3750, 3.4380, 3.7740



59.6400, 56.3820, 68.5260



10.7660, 9.9470, 12.4670

Previews

White Background



This preview shows how the YIQ color 89.0530, 56.6570, 69.0490 looks on a white background.

Color Contrast Check

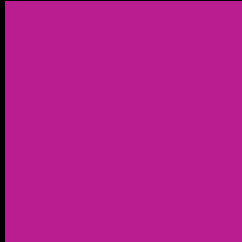
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.0530, 56.6570, 69.0490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

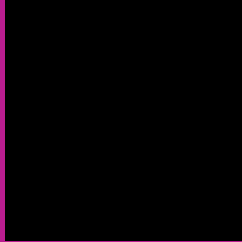
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.0530, 56.6570, 69.0490

Background



This preview shows how black text looks on a background with the YIQ color 89.0530, 56.6570, 69.0490.



This preview shows how white text looks on a background with the YIQ color 89.0530, 56.6570,

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

89.0530, 56.6570, 69.0490

Protanopia

95.6240, -62.4500, 19.4540

Deuteranopia

103.9680, -14.1690, 8.9910



Tritanopia

97.0370, 69.6400, 26.4720

Trichromacy



Original Color

89.0530, 56.6570, 69.0490



Protanomaly

93.0320, -19.0800, 37.4320



Deuteranomaly

98.3280, 11.9610, 31.0410



Tritanomaly

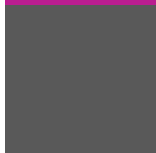
93.8970, 64.8230, 42.1910

Monochromacy



Original Color

89.0530, 56.6570, 69.0490



Achromatopsia

89.0000, -0.0000, -0.0000



Achromatomaly

88.8310, 20.4900, 25.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.0530, 56.6570, 69.0490 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(186, 29, 144)` looks like.

```
.text, #text, p{  
    color:rgb(186, 29, 144)  
}
```

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(186, 29, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 29, 144) }
```

Border

The CSS property to change the border of an element to YIQ 89.0530, 56.6570, 69.0490 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(186, 29, 144) }
```


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

```
.border{ border-color:rgb(186, 29, 144) }
```

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

Here you see how a box with a 4 pixel rgb(186, 29, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 29, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 29, 144);  
box-shadow:4px 4px 4px 4px rgb(186, 29,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 89.0530, 56.6570, 69.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 29, 144) }
```

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

```
.background{ background-color: rgb(186, 29,  
144) }
```

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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