

Converting Colors

YIQ(107.4890, 59.2660, 93.3620)

Have a look what the booklet for
YIQ(107.4890, 59.2660, 93.3620)
contains.

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Color

**YIQ(107.4890, 59.2660,
93.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	DE1FC9
RGB	222, 31, 201
RGB Percent	87%, 12%, 79%
CMY	0.1288, 0.8787, 0.2117
CMYK	0.00, 0.86, 0.10, 0.13
HSL	307°, 76%, 50%
HSV	307°, 86%, 87%
XYZ	41.2016, 20.7463, 57.1075
YIQ	107.4890, 59.2660, 93.3620

Conversions

Conversions Part 2

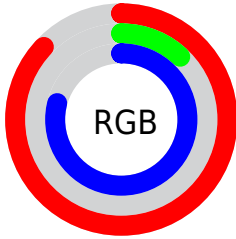
Format	Color
R_{YB}	222, 31, 201
Decimal	14557129
CIE _{Lab}	52.67, 82.42, -42.89
CIE _{LCh}	53, 92.909, 332.506
Yxy	20.7463, 0.3461, 0.1743
Android (android.graphics.Color)	4292747209 (0xFFDE1FC9)
YUV	107.4890, 46.1009, 100.4261
Hunter-Lab	45.5481, 81.7574, -42.4533

Details

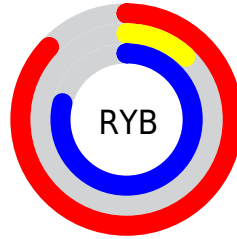
The YIQ color **107.4890, 59.2660, 93.3620** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **145.5110, -59.2660, -93.3620**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9500, 41.2500, 78.4500**, and **65.0820, 49.6860, 79.7500** is the 20% darker color. If you saturate the color by 10%, you get **94.3470, 65.9580, 104.2460**, and if you desaturate by 10%, it is **120.6310, 52.5740, 82.4780**.

Distribution



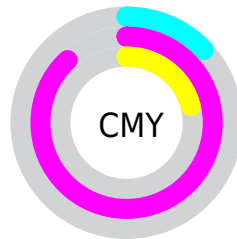
- Red (87%)
- Green (12%)
- Blue (79%)



- Red (87%)
- Yellow (12%)
- Blue (79%)



- Cyan (0%)
- Magenta (86%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (88%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.4890, 59.2660, 93.3620 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 107.4890, 59.2660, 93.3620 by changing the saturation by 10% instead.

107.4890, 59.2660,
93.3620

107.4890, 59.2660,
93.3620

255.0000, -0.0000,
-0.0000

77.1300, 58.8990,
94.5070

166.9500, 41.2500,
78.4500

65.0820, 49.6860,
79.7500

185.1470, 32.7250,
62.2370

53.4470, 40.7480,
65.5160

202.7570, 24.4750,
46.5470

41.9260, 31.4890,
51.5930

220.3670, 16.2250,
30.8570

30.7040, 22.8260,
37.8820

237.9770, 7.9750,
15.1670

19.7100, 13.5210,
24.7930

4.3450, -5.0450,

8.8350

■ 0.0000, 0.0000,
0.0000

■ 107.4890, 59.2660,
93.3620

■ 107.4890, 59.2660,
93.3620

■ 94.3470, 65.9580,
104.2460

■ 120.6310, 52.5740,
82.4780

■ 88.9500, 68.7540,
108.6420

■ 133.8870, 45.5610,
71.9050

■ 147.6160, 38.5940,
60.4980

■ 160.8720, 31.5810,
49.9250

■ 174.0140, 24.8890,
39.0410

187.2700, 17.8760,
28.4680

200.4120, 11.1840,
17.5840

214.2550, 3.8960,
6.4880

227.3970, -2.7960,
-4.3960

Harmonies

Analogous

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



123.3510, -38.4310, 52.2330



107.4890, 59.2660, 93.3620



90.2670, 112.4970, 92.3130

Triad

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



107.4890, 59.2660, 93.3620



117.6270, 53.8330, -33.9990



116.8000, -111.1810, -17.0130

Complementary

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



107.4890, 59.2660, 93.3620



145.5110, -59.2660, -93.3620

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.



107.0930, -85.2260, -41.3700



107.4890, 59.2660, 93.3620



102.1690, -4.4360, -62.8040

Square

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



107.4890, 59.2660, 93.3620



115.3210, 99.8140, -2.7620



94.7130, -55.8780, -66.6460



118.2940, -123.6550, -0.1910

Rectangle

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



107.4890, 59.2660, 93.3620



84.3390, 129.1890, 76.1410



94.7130, -55.8780, -66.6460



113.8360, -102.8350, -25.0990

Sweetspot

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



107.4890, 59.2660, 93.3620



215.4600, 20.3970, 32.3410



58.4550, -49.9870, 63.4290



103.9500, 12.6050, 19.3650



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.



107.4890, 59.2660, 93.3620



102.1230, 79.1130, 124.6570



96.7730, 89.4400, 64.1280



105.4290, 3.3460, 5.4420



70.5220, 54.4990, 86.1390



19.2540, 14.8050, 23.5490

Inverse Universe

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



107.4890, 59.2660, 93.3620



102.1230, 79.1130, 124.6570



156.2270, -89.4400, -64.1280



105.4290, 3.3460, 5.4420



70.5220, 54.4990, 86.1390



19.2540, 14.8050, 23.5490

Previews

White Background



This preview shows how the YIQ color 107.4890, 59.2660, 93.3620 looks on a white background.

Color Contrast Check

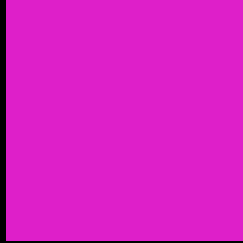
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4890, 59.2660, 93.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

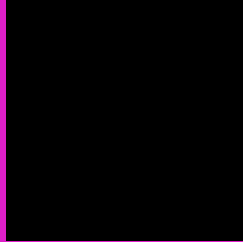
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 107.4890, 59.2660, 93.3620

Background



This preview shows how black text looks on a background with the YIQ color 107.4890, 59.2660, 93.3620.



This preview shows how white text looks on a background with the YIQ color 107.4890, 59.2660,

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

107.4890, 59.2660, 93.3620

Protanopia

109.6540, -97.5250, 21.8590

Deuteranopia

124.8100, -36.9110, 13.6570



Tritanopia

121.8420, 74.6830, 28.6910

Trichromacy



Original Color

107.4890, 59.2660, 93.3620



Protanomaly

108.9330, -40.3100, 47.7380



Deuteranomaly

118.1760, -1.7500, 42.7460



Tritanomaly

116.5590, 69.1310, 52.2270

Monochromacy



Original Color

107.4890, 59.2660, 93.3620



Achromatopsia

107.0000, -0.0000, 0.0000



Achromatomaly

106.9980, 21.8180, 34.1220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.4890, 59.2660, 93.3620 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(222, 31, 201)` looks like.

```
.text, #text, p{  
    color:rgb(222, 31, 201)  
}
```

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(222, 31, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 31, 201) }
```

Border

The CSS property to change the border of an element to YIQ 107.4890, 59.2660, 93.3620 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(222, 31, 201) }
```


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

```
.border{ border-color:rgb(222, 31, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 31, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 31, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 31, 201);  
box-shadow:4px 4px 4px 4px rgb(222, 31,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 107.4890, 59.2660, 93.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 31, 201) }
```

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

```
.background{ background-color: rgb(222, 31,  
201) }
```

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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