

# Converting Colors

YIQ(73.0910, 25.9900, 35.6060)

Have a look what the booklet for  
YIQ(73.0910, 25.9900, 35.6060)  
contains.

<b>YIQ(73.0910, 25.9900, 35.6060)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(73.0910, 25.9900,  
35.6060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	782B69
RGB	120, 43, 105
RGB Percent	47%, 17%, 41%
CMY	0.5292, 0.8315, 0.5882
CMYK	0.00, 0.64, 0.13, 0.53
HSL	312°, 47%, 32%
HSV	312°, 64%, 47%
XYZ	11.1668, 6.7427, 14.0813
YIQ	73.0910, 25.9900, 35.6060

# Conversions

## Conversions Part 2

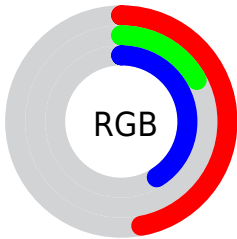
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	120, 43, 105
Decimal	7875433
CIE Lab	31.21, 41.38, -19.74
CIE LCh	31, 45.845, 334.500
Yxy	6.7427, 0.3491, 0.2108
Android (android.graphics.Color)	4286065513 (0xFF782B69)
YUV	73.0910, 15.7311, 41.1392
Hunter-Lab	25.9668, 31.3206, -13.9751

# Details

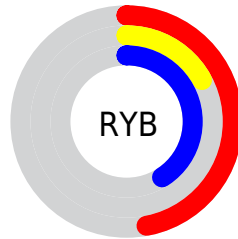
The YIQ color **73.0910, 25.9900, 35.6060** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.9090, -25.9900, -35.6060**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.9880, 27.7780, 36.2420**, and **26.9440, 21.9100, 32.4540** is the 20% darker color. If you saturate the color by 10%, you get **65.8190, 29.9320, 41.2600**, and if you desaturate by 10%, it is **80.3630, 22.0480, 29.9520**.

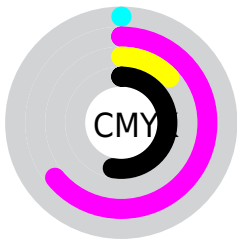
# Distribution



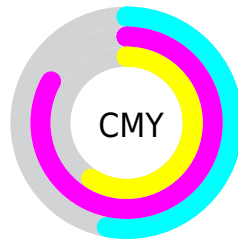
- Red (47%)
- Green (17%)
- Blue (41%)



- Red (47%)
- Yellow (17%)
- Blue (41%)



- Cyan (0%)
- Magenta (64%)
- Yellow (13%)
- Black (53%)




- Cyan (53%)
- Magenta (83%)
- Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 73.0910, 25.9900, 35.6060 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 73.0910, 25.9900, 35.6060 by changing the saturation by 10% instead.





 73.0910, 25.9900,  
35.6060


 73.0910, 25.9900,  
35.6060


255.0000, -0.0000,  
-0.0000


 46.1450, 25.8980,  
37.2740


 125.2870, 28.3740,  
36.4540


 26.9440, 21.9100,  
32.4540

 151.9990, 29.2450,  
37.1890


 17.8580, 15.8600,  
20.9480

 179.7110, 30.1160,  
37.9240

 2.4500, -1.1470,  
4.2690

 205.6290, 27.4110,  
37.3870

 0.0000, 0.0000,  
0.0000

 223.8890, 14.5750,  
27.7190

 240.3250, 6.8750,

13.0750

■ 73.0910, 25.9900,  
35.6060

■ 73.0910, 25.9900,  
35.6060

■ 65.8190, 29.9320,  
41.2600

■ 80.3630, 22.0480,  
29.9520

■ 58.4330, 34.1950,  
46.6030

■ 87.7490, 17.7850,  
24.6090

■ 51.1610, 38.1370,  
52.2570

■ 95.0210, 13.8430,  
18.9550

■ 46.9380, 40.3830,  
55.6070

■ 102.2930, 9.9010,  
13.3010

■ 109.6790, 5.6380,  
7.9580

■ 116.9510, 1.6960,  
2.3040

■ 124.2230, -2.2460,  
-3.3500

■ 131.6090, -6.5090,  
-8.6930

■ 138.8810,  
-10.4510, -14.3470

# Harmonies

## Analogous

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



74.8890, -11.7880, 26.4200



73.0910, 25.9900, 35.6060



68.0150, 49.5110, 33.3430

# Triad

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



73.0910, 25.9900, 35.6060



68.8530, 30.3100, -20.6820



65.1250, -60.7480, -11.4040

# Complementary

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



73.0910, 25.9900, 35.6060



89.9090, -25.9900, -35.6060

# 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.



61.1350, -49.5130, -22.2890



73.0910, 25.9900, 35.6060



63.0020, 4.5450, -32.8230

# Square

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



73.0910, 25.9900, 35.6060



69.0070, 50.8480, -7.4240



55.7430, -37.0860, -32.7500



65.6270, -67.6730, -1.5370



# Rectangle

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



73.0910, 25.9900, 35.6060



67.9150, 55.2440, 23.0520



55.7430, -37.0860, -32.7500



63.8710, -57.2170, -14.8250

# Sweetspot

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



73.0910, 25.9900, 35.6060



137.7060, 10.1760, 13.8240



55.9640, -16.3730, 26.9150



68.0920, 5.9130, 8.4810



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000



# Same Dimension

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



73.0910, 25.9900, 35.6060



82.8240, 40.7040, 55.2960



68.7590, 38.1880, 23.7880



57.3640, 1.9710, 2.8270



48.8890, 42.0790, 57.9110



98.4900, 85.0290, 116.5570



# Inverse Universe

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



73.0910, 25.9900, 35.6060



82.8240, 40.7040, 55.2960



94.2410, -38.1880, -23.7880



57.3640, 1.9710, 2.8270



48.8890, 42.0790, 57.9110

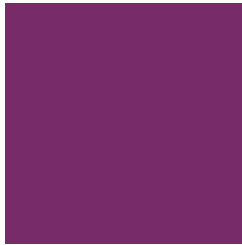


98.4900, 85.0290, 116.5570



# Previews

## White Background



This preview shows how the YIQ color 73.0910, 25.9900, 35.6060 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

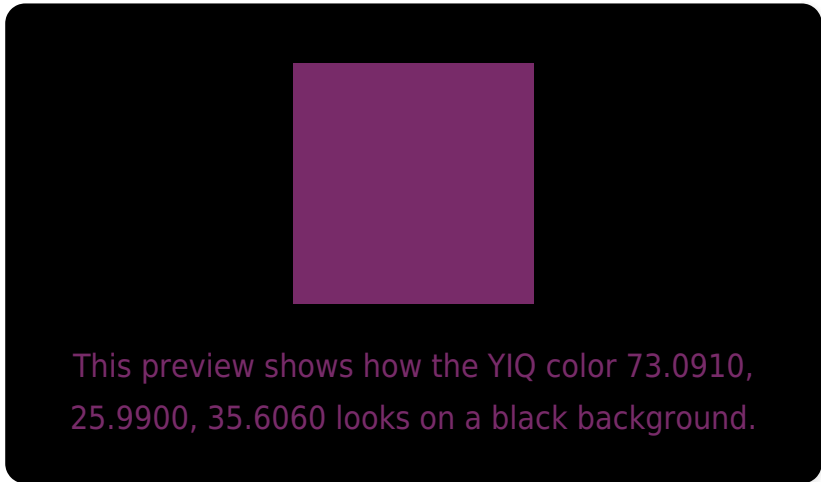
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

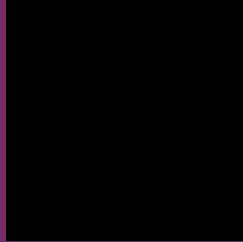
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 73.0910, 25.9900, 35.6060

## Background



This preview shows how black text looks on a background with the YIQ color 73.0910, 25.9900, 35.6060.



This preview shows how white text looks on a background with the YIQ color 73.0910, 25.9900,

35.6060.

# 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

73.0910, 25.9900, 35.6060

### Protanopia

72.3220, -32.6010, 12.6390

### Deuteranopia

74.2840, -12.2430, 7.1250



## Tritanopia

73.9830, 34.2010, 13.4410

# Trichromacy



## Original Color

73.0910, 25.9900, 35.6060

## Protanomaly

72.6130, -11.1910, 21.1050

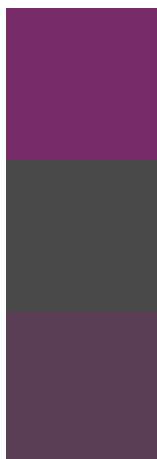
## Deuteranomaly

73.7360, 1.4640, 17.5280

## Tritanomaly

73.5840, 31.3110, 21.7670

# Monochromacy



## Original Color

73.0910, 25.9900, 35.6060

## Achromatopsia

73.0000, -0.0000, -0.0000

## Achromatomaly

72.9940, 9.3050, 13.0890

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 73.0910, 25.9900, 35.6060 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(120, 43, 105)` looks like.

```
.text, #text, p{  
    color:rgb(120, 43, 105)  
}
```

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(120, 43, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 43, 105) }
```

## Border

The CSS property to change the border of an element to YIQ 73.0910, 25.9900, 35.6060 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(120, 43, 105) }
```



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

```
.border{ border-color:rgb(120, 43, 105) }
```

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

Here you see how a box with a 4 pixel rgb(120, 43, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 43, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 43, 105);  
box-shadow:4px 4px 4px 4px rgb(120, 43,  
105) }
```

# Background

The CSS property to change the background color of an element to YIQ 73.0910, 25.9900, 35.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 43, 105) }
```

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

```
.background{ background-color: rgb(120, 43,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor