

Converting Colors

YIQ(79.4090, 33.6020, 29.8100)

Have a look what the booklet for
YIQ(79.4090, 33.6020, 29.8100)
contains.

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Color

**YIQ(79.4090, 33.6020,
29.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	82335D
RGB	130, 51, 93
RGB Percent	51%, 20%, 36%
CMY	0.4900, 0.8001, 0.6352
CMYK	0.00, 0.61, 0.28, 0.49
HSL	328°, 44%, 35%
HSV	328°, 61%, 51%
XYZ	12.3736, 7.9057, 11.2357
YIQ	79.4090, 33.6020, 29.8100

Conversions

Conversions Part 2

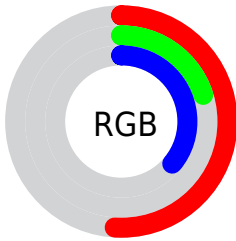
Format	Color
R_{YB}	130, 51, 93
Decimal	8532829
CIE Lab	33.79, 38.82, -7.97
CIE LCh	34, 39.626, 348.395
Yxy	7.9057, 0.3926, 0.2509
Android (android.graphics.Color)	4286722909 (0xFF82335D)
YUV	79.4090, 6.7004, 44.3683
Hunter-Lab	28.1170, 29.3486, -4.0106

Details

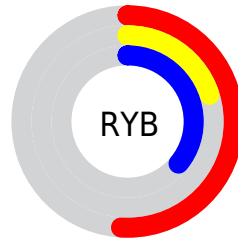
The YIQ color **79.4090, 33.6020, 29.8100** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **101.5910, -33.6020, -29.8100**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4910, 36.3070, 30.3470**, and **28.3810, 30.8050, 30.9410** is the 20% darker color. If you saturate the color by 10%, you get **71.0940, 39.1030, 34.7430**, and if you desaturate by 10%, it is **87.7240, 28.1010, 24.8770**.

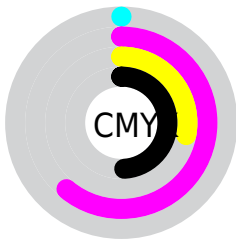
Distribution



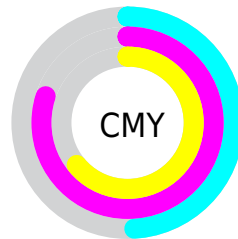
- Red (51%)
- Green (20%)
- Blue (36%)



- Red (51%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (61%)
- Yellow (28%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.4090, 33.6020, 29.8100 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 79.4090, 33.6020, 29.8100 by changing the saturation by 10% instead.

■ 79.4090, 33.6020,
29.8100

■ 79.4090, 33.6020,
29.8100

■ 255.0000, -0.0000,
-0.0000

■ 53.3380, 32.3640,
30.2200

■ 131.4910, 36.3070,
30.3470

■ 28.3810, 30.8050,
30.9410

■ 158.5020, 37.7740,
31.2940

■ 18.9250, 22.9210,
19.6330

■ 185.5130, 39.2410,
32.2410

■ 7.5890, 14.5790,
5.6110

■ 208.7290, 29.7050,
28.8490

■ 0.0000, 0.0000,
0.0000

■ 228.4710, 12.6960,
23.2240

■ 245.6080, 4.4000,

8.3680

■ 79.4090, 33.6020,
29.8100

■ 79.4090, 33.6020,
29.8100

■ 71.0940, 39.1030,
34.7430

■ 87.7240, 28.1010,
24.8770

■ 62.7790, 44.6040,
39.6760

■ 96.0390, 22.6000,
19.9440

■ 54.4640, 50.1050,
44.6090

■ 104.3540, 17.0990,
15.0110

■ 46.7360, 55.3310,
49.0190

■ 112.6690, 11.5980,
10.0780

■ 120.9840, 6.0970,
5.1450

■ 129.4130, 0.2750,
0.5230

■ 137.7280, -5.2260,
-4.4100

■ 146.0430,
-10.7270, -9.3430

■ 154.3580,
-16.2280, -14.2760

Harmonies

Analogous

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



82.2840, 6.0930, 27.2530



79.4090, 33.6020, 29.8100



76.9680, 47.7250, 21.6530

Triad

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



79.4090, 33.6020, 29.8100



73.6990, 18.9400, -23.8760



68.3680, -65.7460, -8.9300

Complementary

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



79.4090, 33.6020, 29.8100



101.5910, -33.6020, -29.8100

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.



66.3500, -57.3080, -18.6840



79.4090, 33.6020, 29.8100



68.4810, -12.7410, -27.9170

Square

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



79.4090, 33.6020, 29.8100



76.3860, 39.2950, -12.8090



62.7020, -47.0360, -28.6360



67.1430, -69.1860, -1.6500

Rectangle

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



79.4090, 33.6020, 29.8100



77.4160, 48.9190, 11.0230



62.7020, -47.0360, -28.6360



68.0430, -63.4530, -11.9410

Sweetspot

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



79.4090, 33.6020, 29.8100



148.7940, 12.7440, 11.3360



71.0690, -3.3070, 32.4130



72.4080, 7.8390, 6.6150



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



79.4090, 33.6020, 29.8100



89.3010, 52.1220, 46.6020



74.9630, 46.1210, 17.6810



62.1360, 2.6130, 2.2050



46.7360, 55.3310, 49.0190



1.0110, 1.4670, 0.9470

Inverse Universe

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



79.4090, 33.6020, 29.8100



89.3010, 52.1220, 46.6020



106.0370, -46.1210, -17.6810



62.1360, 2.6130, 2.2050



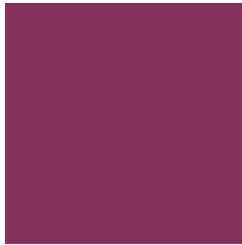
46.7360, 55.3310, 49.0190



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 79.4090, 33.6020, 29.8100 looks on a white background.

Color Contrast Check

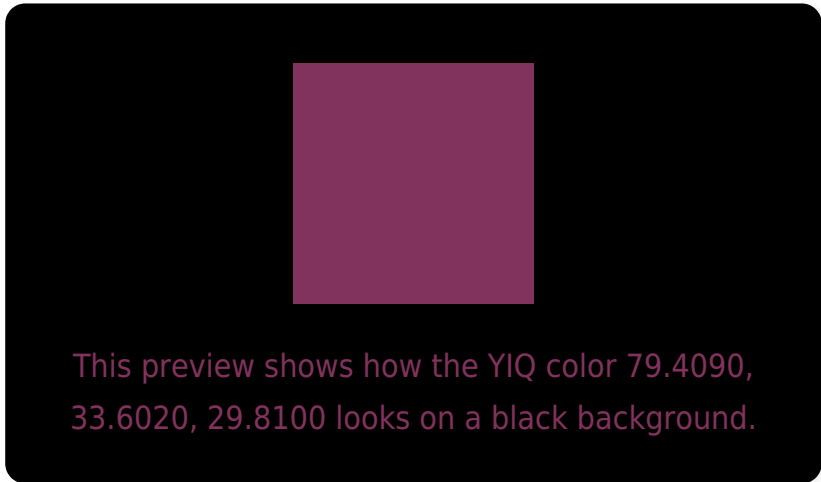
Large Text (above 18pt) WCAG AA ✓ Pass

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

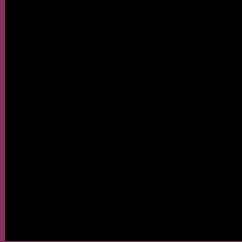
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.4090, 33.6020, 29.8100

Background



This preview shows how black text looks on a background with the YIQ color 79.4090, 33.6020, 29.8100.



This preview shows how white text looks on a background with the YIQ color 79.4090, 33.6020,

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

79.4090, 33.6020, 29.8100

Protanopia

80.1850, -16.2780, 8.6660

Deuteranopia

81.0480, 0.0450, 4.6930



Tritanopia

79.0870, 39.8400, 15.8720

Trichromacy



Original Color

79.4090, 33.6020, 29.8100

Protanomaly

80.0950, 1.8310, 16.3830

Deuteranomaly

80.3750, 12.6060, 13.8380

Tritanomaly

78.8790, 37.7300, 21.0740

Monochromacy



Original Color

79.4090, 33.6020, 29.8100

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.3810, 12.4690, 10.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.4090, 33.6020, 29.8100 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(130, 51, 93)` looks like.

```
.text, #text, p{  
    color:rgb(130, 51, 93)  
}
```

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(130, 51, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 51, 93) }
```

Border

The CSS property to change the border of an element to YIQ 79.4090, 33.6020, 29.8100 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(130, 51, 93) }
```


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

```
.border{ border-color:rgb(130, 51, 93) }
```

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

Here you see how a box with a 4 pixel rgb(130, 51, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 51, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 51, 93);  
box-shadow:4px 4px 4px 4px rgb(130, 51,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 79.4090, 33.6020, 29.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 51, 93) }
```

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

```
.background{ background-color: rgb(130, 51,  
93) }
```

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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