

Converting Colors

YIQ(63.0230, 29.8380, 53.9820)

Have a look what the booklet for
YIQ(63.0230, 29.8380, 53.9820)
contains.

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Color

**YIQ(63.0230, 29.8380,
53.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	7D147A
RGB	125, 20, 122
RGB Percent	49%, 8%, 48%
CMY	0.5095, 0.9217, 0.5215
CMYK	0.00, 0.84, 0.02, 0.51
HSL	302°, 72%, 28%
HSV	302°, 84%, 49%
XYZ	12.2320, 6.2701, 18.9812
YIQ	63.0230, 29.8380, 53.9820

Conversions

Conversions Part 2

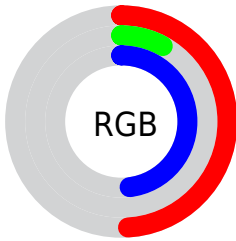
Format	Color
RYB	125, 20, 122
Decimal	8197242
CIELab	30.08, 53.80, -32.27
CIELCh	30, 62.736, 329.044
Yxy	6.2701, 0.3263, 0.1673
Android (android.graphics.Color)	4286387322 (0xFF7D147A)
YUV	63.0230, 29.0757, 54.3538
Hunter-Lab	25.0403, 43.3754, -27.4152

Details

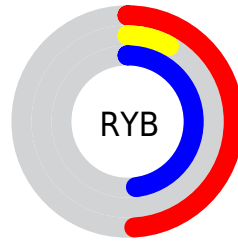
The YIQ color **63.0230, 29.8380, 53.9820** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **81.9770, -29.8380, -53.9820**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4420, 29.9760, 51.4800**, and **29.8500, 19.4790, 37.9670** is the 20% darker color. If you saturate the color by 10%, you get **55.3920, 33.4130, 60.7810**, and if you desaturate by 10%, it is **70.0670, 26.5380, 47.7060**.

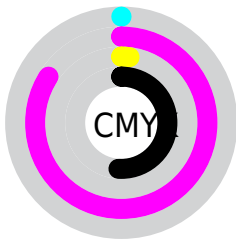
Distribution



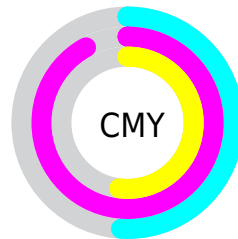
- Red (49%)
- Green (8%)
- Blue (48%)



- Red (49%)
- Yellow (8%)
- Blue (48%)



- Cyan (0%)
- Magenta (84%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (92%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.0230, 29.8380, 53.9820 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 63.0230, 29.8380, 53.9820 by changing the saturation by 10% instead.

63.0230, 29.8380,
53.9820

63.0230, 29.8380,
53.9820

255.0000, -0.0000,
-0.0000

40.3600, 27.2710,
50.9430

120.4420, 29.9760,
51.4800

29.8500, 19.4790,
37.9670

147.8550, 30.2510,
52.0030

20.3510, 13.1540,
25.9380

175.8660, 31.7180,
52.9500

6.4810, -2.4320,
11.0400

199.8220, 25.8500,
49.1620

0.0000, 0.0000,
0.0000

216.2580, 18.1500,
34.5180

232.6940, 10.4500,

19.8740

250.3040, 2.2000,
4.1840

63.0230, 29.8380,
53.9820

63.0230, 29.8380,
53.9820

55.3920, 33.4130,
60.7810

70.0670, 26.5380,
47.7060

51.1690, 35.6590,
64.1310

77.8120, 22.6420,
41.2180

84.8560, 19.3420,
34.9420

92.4870, 15.7670,
28.1430

100.2320, 11.8710,
21.6550

■ 107.2760, 8.5710,
15.3790

■ 115.0210, 4.6750,
8.8910

■ 122.0650, 1.3750,
2.6150

■ 129.6960, -2.2000,
-4.1840

Harmonies

Analogous

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



67.9050, -35.0800, 30.0400



63.0230, 29.8380, 53.9820



53.6990, 65.9210, 55.3370

Triad

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



63.0230, 29.8380, 53.9820



67.1140, 34.0690, -17.2190



66.1680, -62.3070, -10.6830

Complementary

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



63.0230, 29.8380, 53.9820



81.9770, -29.8380, -53.9820

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.



60.5820, -46.5780, -25.9220



63.0230, 29.8380, 53.9820



59.5070, 1.5650, -33.8830

Square

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



63.0230, 29.8380, 53.9820



64.6760, 62.4460, 2.6540



52.4370, -27.7770, -41.7690



69.3260, -73.9550, 2.1810

Rectangle

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



63.0230, 29.8380, 53.9820



50.3500, 76.7890, 45.5970



52.4370, -27.7770, -41.7690



64.4580, -57.4920, -15.3480

Sweetspot

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



63.0230, 29.8380, 53.9820



138.8190, 11.5960, 21.1320



32.5680, -32.5130, 33.0790



67.2110, 7.1960, 12.7640



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



63.0230, 29.8380, 53.9820



66.7490, 46.4300, 83.6940



57.2090, 46.2090, 38.1210



59.8910, 1.9250, 3.6610



52.4080, 36.4840, 65.7000



0.0000, 0.0000, 0.0000

Inverse Universe

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



63.0230, 29.8380, 53.9820



66.7490, 46.4300, 83.6940



87.7910, -46.2090, -38.1210



59.8910, 1.9250, 3.6610



52.4080, 36.4840, 65.7000



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 63.0230, 29.8380, 53.9820 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

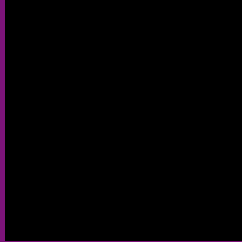
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.0230, 29.8380, 53.9820

Background



This preview shows how black text looks on a background with the YIQ color 63.0230, 29.8380, 53.9820.



This preview shows how white text looks on a background with the YIQ color 63.0230, 29.8380,

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

63.0230, 29.8380, 53.9820

Protanopia

58.0760, -67.0790, 9.7290

Deuteranopia

70.6120, -27.7860, 7.9740



Tritanopia

71.3750, 38.9690, 15.1370

Trichromacy



Original Color

63.0230, 29.8380, 53.9820

Protanomaly

59.8250, -32.0990, 25.5730

Deuteranomaly

68.1730, -6.8360, 24.7800

Tritanomaly

68.6650, 35.7570, 29.3010

Monochromacy



Original Color

63.0230, 29.8380, 53.9820

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8790, 11.3670, 19.7750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.0230, 29.8380, 53.9820 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(125, 20, 122)` looks like.

```
.text, #text, p{  
    color:rgb(125, 20, 122)  
}
```

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(125, 20, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 20, 122) }
```

Border

The CSS property to change the border of an element to YIQ 63.0230, 29.8380, 53.9820 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(125, 20, 122) }
```


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

```
.border{ border-color:rgb(125, 20, 122) }
```

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

Here you see how a box with a 4 pixel rgb(125, 20, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 20, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 20, 122);  
box-shadow:4px 4px 4px 4px rgb(125, 20,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 63.0230, 29.8380, 53.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 20, 122) }
```

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

```
.background{ background-color: rgb(125, 20,  
122) }
```

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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