

Converting Colors

YIQ(65.1250, 29.7910, 60.3430)

Have a look what the booklet for
YIQ(65.1250, 29.7910, 60.3430)
contains.

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Color

**YIQ(65.1250, 29.7910,
60.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	831287
RGB	131, 18, 135
RGB Percent	51%, 7%, 53%
CMY	0.4859, 0.9296, 0.4706
CMYK	0.03, 0.87, 0.00, 0.47
HSL	298°, 77%, 30%
HSV	298°, 87%, 53%
XYZ	13.9628, 7.0128, 23.5420
YIQ	65.1250, 29.7910, 60.3430

Conversions

Conversions Part 2

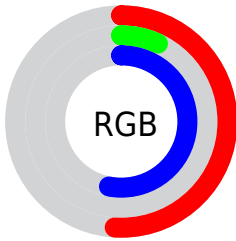
Format	Color
R_{YB}	131, 18, 135
Decimal	8589959
CIE _{Lab}	31.84, 57.63, -37.56
CIE _{LCh}	32, 68.795, 326.905
Yxy	7.0128, 0.3136, 0.1575
Android (android.graphics.Color)	4286780039 (0xFF831287)
YUV	65.1250, 34.4484, 57.7724
Hunter-Lab	26.4817, 47.7732, -34.1710

Details

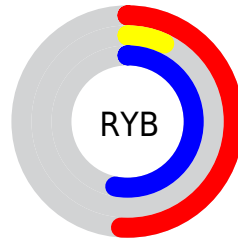
The YIQ color **65.1250, 29.7910, 60.3430** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **87.8750, -29.7910, -60.3430**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.4190, 28.7830, 56.5830**, and **32.5990, 18.9280, 42.4480** is the 20% darker color. If you saturate the color by 10%, you get **56.9070, 33.6410, 67.6650**, and if you desaturate by 10%, it is **73.0550, 26.8120, 53.7560**.

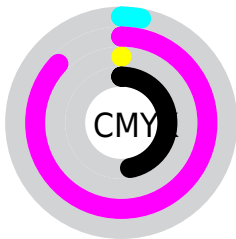
Distribution



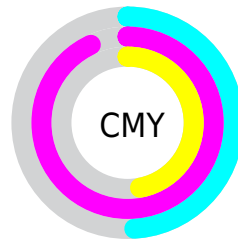
- Red (51%)
- Green (7%)
- Blue (53%)



- Red (51%)
- Yellow (7%)
- Blue (53%)



- Cyan (3%)
- Magenta (87%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.1250, 29.7910, 60.3430 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 65.1250, 29.7910, 60.3430 by changing the saturation by 10% instead.

65.1250, 29.7910,
60.3430

65.1250, 29.7910,
60.3430

255.0000, -0.0000,
-0.0000

43.5220, 26.9950,
55.9470

124.4190, 28.7830,
56.5830

32.5990, 18.9280,
42.4480

152.1310, 29.6540,
57.3180

22.8010, 12.0070,
30.2070

180.8430, 30.5250,
58.0530

11.2090, 1.5100,
16.6940

200.4090, 25.5750,
48.6390

2.2970, -5.0900,
4.1420

217.4320, 17.6000,
33.4720

0.0000, 0.0000,
0.0000

234.4550, 9.6250,

18.3050

251.4780, 1.6500,
3.1380

65.1250, 29.7910,
60.3430

65.1250, 29.7910,
60.3430

56.9070, 33.6410,
67.6650

73.0550, 26.8120,
53.7560

54.2600, 34.1450,
69.5450

81.2730, 22.9620,
46.4340

88.9040, 19.3870,
39.6350

97.4210, 16.1330,
32.5250

105.0520, 12.5580,
25.7260

■ 113.5690, 9.3040,
18.6160

■ 121.2000, 5.7290,
11.8170

■ 129.7170, 2.4750,
4.7070

■ 137.3480, -1.1000,
-2.0920

Harmonies

Analogous

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



68.0650, -50.2100, 28.9100



65.1250, 29.7910, 60.3430



57.9000, 69.9090, 60.1570

Triad

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



65.1250, 29.7910, 60.3430



70.6800, 38.2870, -16.5690



70.3740, -65.8830, -11.9550

Complementary

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



65.1250, 29.7910, 60.3430



87.8750, -29.7910, -60.3430

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.



63.5170, -47.9530, -28.5370



65.1250, 29.7910, 60.3430



63.3390, 1.9780, -35.8620

Square

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



65.1250, 29.7910, 60.3430



66.7910, 69.5520, 6.0320



54.0040, -25.3000, -48.1160



74.1020, -79.1360, 2.4640

Rectangle

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



65.1250, 29.7910, 60.3430



54.5080, 82.3360, 49.6960



54.0040, -25.3000, -48.1160



68.3220, -60.1050, -17.5530

Sweetspot

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



65.1250, 29.7910, 60.3430



148.4000, 11.4580, 23.6340



34.8600, -39.2070, 33.2490



72.8520, 6.8290, 13.9090



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



65.1250, 29.7910, 60.3430



70.8940, 44.8240, 90.7760



60.2790, 49.1880, 44.7080



62.4780, 1.6500, 3.1380



52.4940, 33.3660, 67.1420



0.9400, 0.2290, 1.3570

Inverse Universe

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



53.4390, 68.4480, 26.0480



53.3080, 102.9700, 39.1780



92.7210, -49.1880, -44.7080



61.7940, 3.5760, 1.2720



39.3260, 76.1960, 28.8040



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 65.1250, 29.7910, 60.3430 looks on a white background.

Color Contrast Check

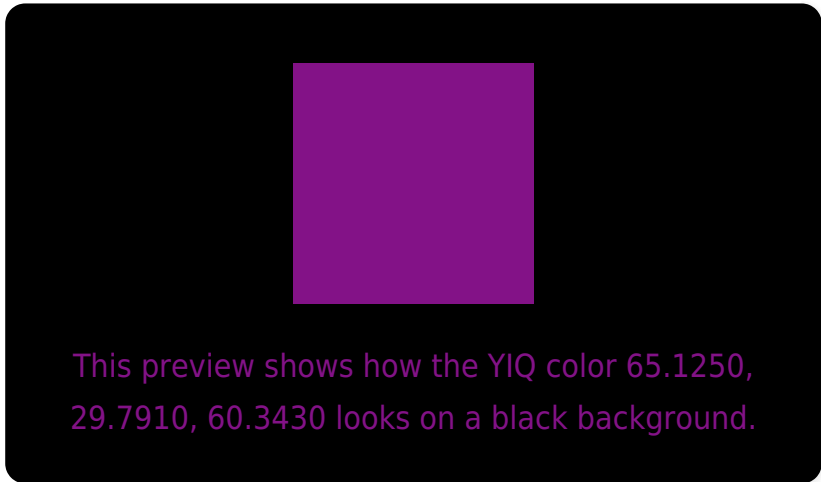
Large Text (above 18pt) WCAG AA ✓ Pass

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

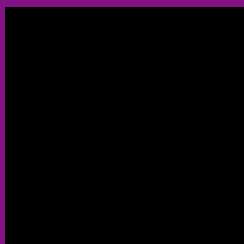
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.1250, 29.7910, 60.3430

Background



This preview shows how black text looks on a background with the YIQ color 65.1250, 29.7910, 60.3430.



This preview shows how white text looks on a background with the YIQ color 65.1250, 29.7910,

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

65.1250, 29.7910, 60.3430

Protanopia

61.3360, -70.7470, 10.1250

Deuteranopia

72.8330, -35.7180, 8.5540



Tritanopia

75.4890, 38.6480, 15.4480

Trichromacy



Original Color

65.1250, 29.7910, 60.3430

Protanomaly

63.0360, -34.0710, 28.2730

Deuteranomaly

70.4160, -11.8340, 27.2540

Tritanomaly

71.9470, 35.0230, 31.5910

Monochromacy



Original Color

65.1250, 29.7910, 60.3430

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.0470, 10.9540, 21.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.1250, 29.7910, 60.3430 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(131, 18, 135)` looks like.

```
.text, #text, p{  
    color:rgb(131, 18, 135)  
}
```

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(131, 18, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 18, 135) }
```

Border

The CSS property to change the border of an element to YIQ 65.1250, 29.7910, 60.3430 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(131, 18, 135) }
```


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

```
.border{ border-color:rgb(131, 18, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 18, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 18, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 18, 135);  
box-shadow:4px 4px 4px 4px rgb(131, 18,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 65.1250, 29.7910, 60.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 18, 135) }
```

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

```
.background{ background-color: rgb(131, 18,  
135) }
```

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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