

Converting Colors

YIQ(79.1830, -28.8500, 60.3180)

Have a look what the booklet for
YIQ(79.1830, -28.8500, 60.3180)
contains.

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Color

**YIQ(79.1830, -28.8500,
60.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	5930D6
RGB	89, 48, 214
RGB Percent	35%, 19%, 84%
CMY	0.6508, 0.8118, 0.1610
CMYK	0.58, 0.78, 0.00, 0.16
HSL	255°, 67%, 51%
HSV	255°, 78%, 84%
XYZ	17.3107, 9.0908, 64.4192
YIQ	79.1830, -28.8500, 60.3180

Conversions

Conversions Part 2

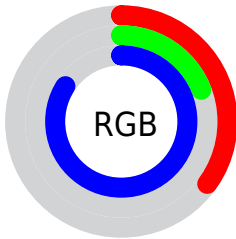
Format	Color
R_{YB}	89, 48, 214
Decimal	5845206
CIE _{Lab}	36.16, 58.60, -77.97
CIE _{LCh}	36, 97.535, 306.926
Yxy	9.0908, 0.1906, 0.1001
Android (android.graphics.Color)	4284035286 (0xFF5930D6)
YUV	79.1830, 66.4648, 8.6095
Hunter-Lab	30.1509, 49.7189, -105.5708

Details

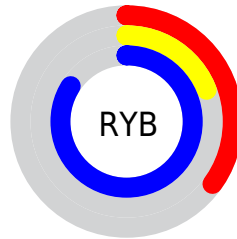
The YIQ color **79.1830, -28.8500, 60.3180** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **182.8170, 28.8500, -60.3180**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9190, -19.3590, 59.0170**, and **18.0120, -50.7180, 49.1380** is the 20% darker color. If you saturate the color by 10%, you get **62.0720, -32.6110, 67.9090**, and if you desaturate by 10%, it is **96.2940, -25.0890, 52.7270**.

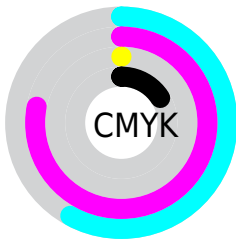
Distribution



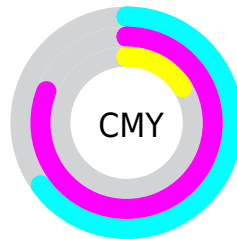
- Red (35%)
- Green (19%)
- Blue (84%)



- Red (35%)
- Yellow (19%)
- Blue (84%)



- Cyan (58%)
- Magenta (78%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (81%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.1830, -28.8500, 60.3180 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 79.1830, -28.8500, 60.3180 by changing the saturation by 10% instead.

■ 79.1830, -28.8500,
60.3180

■ 79.1830, -28.8500,
60.3180

■ 255.0000, -0.0000,
-0.0000

■ 48.6770, -33.2970,
58.3110

■ 133.2180,
-18.7630, 59.2290

■ 18.0120, -50.7180,
49.1380

■ 157.4500, -8.0330,
51.9910

■ 14.9340, -42.0510,
40.7410

■ 182.2690, 2.4220,
44.2300

■ 11.9700, -33.7050,
32.6550

■ 207.3870, 13.4730,
36.6810

■ 14.8760, -28.1090,
19.3390

■ 227.9980, 12.6500,
24.0580

■ 9.2050, -19.0300,
14.4900

■ 244.4340, 4.9500,

■ 4.9360, -11.1430,

9.4140

9.2170

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 79.1830, -28.8500,
60.3180

■ 79.1830, -28.8500,
60.3180

■ 62.0720, -32.6110,
67.9090

■ 96.2940, -25.0890,
52.7270

■ 44.3740, -36.0970,
76.0230

■ 113.9920,
-21.6030, 44.6130

■ 40.2430, -37.1060,
77.7900

■ 131.1030,
-17.8420, 37.0220

■ 148.8010,
-14.3560, 28.9080

■ 166.2110, -9.9990,
21.5290

■ 183.3220, -6.2380,
13.9380

■ 201.0200, -2.7520,
5.8240

■ 218.1310, 1.0090,
-1.7670

■ 235.8290, 4.4950,
-9.8810

Harmonies

Analogous

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



82.6350, -104.5410, 27.8670



79.1830, -28.8500, 60.3180



72.1870, 62.7520, 85.2480

Triad

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



79.1830, -28.8500, 60.3180



76.8470, 75.1460, 3.7700



77.3720, -63.5420, -26.8540

Complementary

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



79.1830, -28.8500, 60.3180



182.8170, 28.8500, -60.3180

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.



64.8950, -32.5430, -54.5190



79.1830, -28.8500, 60.3180



78.5550, 27.9730, -27.8910

Square

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



79.1830, -28.8500, 60.3180



58.3050, 116.2200, 41.3400



60.4610, -28.3250, -53.8690



86.8510, -88.8550, -3.1190

Rectangle

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



79.1830, -28.8500, 60.3180



72.9510, 92.2350, 74.0510



60.4610, -28.3250, -53.8690



73.7070, -54.6000, -34.7280

Sweetspot

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



79.1830, -28.8500, 60.3180



207.2110, -9.9990, 21.5290



141.4730, -88.2110, -14.7950



98.7950, -6.1920, 13.1040



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.



79.1830, -28.8500, 60.3180



62.6590, -40.9130, 86.2150



103.4020, 19.4260, 77.4900



98.1510, -1.7430, 4.0570



32.0520, -29.8590, 62.0850



8.1910, -7.2470, 15.7050

Inverse Universe

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



111.8840, 58.8110, 74.0670



109.1550, 84.1140, 105.6020



158.5980, -19.4260, -77.4900



100.2010, 3.9880, 4.8200



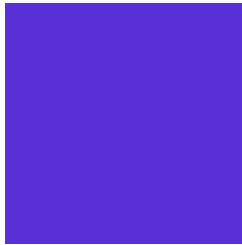
65.8350, 60.5070, 76.3710



16.6190, 15.0350, 19.3790

Previews

White Background



This preview shows how the YIQ color 79.1830, -28.8500, 60.3180 looks on a white background.

Color Contrast Check

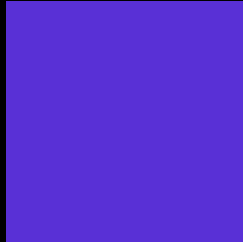
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 79.1830, -28.8500, 60.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

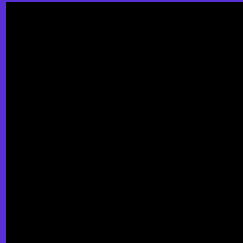
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.1830, -28.8500, 60.3180

Background



This preview shows how black text looks on a background with the YIQ color 79.1830, -28.8500, 60.3180.



This preview shows how white text looks on a background with the YIQ color 79.1830, -28.8500,

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

79.1830, -28.8500, 60.3180

Protanopia

67.7420, -77.7620, 10.6060

Deuteranopia

67.9410, -71.4330, 0.5270



Tritanopia

77.6630, -32.9640, -8.3240

Trichromacy



Original Color

79.1830, -28.8500, 60.3180

Protanomaly

71.9760, -60.2050, 28.3310

Deuteranomaly

72.0270, -56.2150, 22.0970

Tritanomaly

78.0280, -31.5930, 16.3990

Monochromacy



Original Color

79.1830, -28.8500, 60.3180

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.3250, -10.3200, 21.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1830, -28.8500, 60.3180 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(89, 48, 214)` looks like.

```
.text, #text, p{  
    color:rgb(89, 48, 214)  
}
```

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(89, 48, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 48, 214) }
```

Border

The CSS property to change the border of an element to YIQ 79.1830, -28.8500, 60.3180 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(89, 48, 214) }
```


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

```
.border{ border-color:rgb(89, 48, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 48, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 48, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 48, 214);  
box-shadow:4px 4px 4px 4px rgb(89, 48,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 79.1830, -28.8500, 60.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 48, 214) }
```

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

```
.background{ background-color: rgb(89, 48,  
214) }
```

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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