

Converting Colors

YIQ(182.8630, 0.2690, 33.6850)

Have a look what the booklet for
YIQ(182.8630, 0.2690, 33.6850)
contains.

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Color

**YIQ(182.8630, 0.2690,
33.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA1F0
RGB	204, 161, 240
RGB Percent	80%, 63%, 94%
CMY	0.1998, 0.3687, 0.0589
CMYK	0.15, 0.33, 0.00, 0.06
HSL	273°, 72%, 79%
HSV	273°, 33%, 94%
XYZ	53.3801, 44.6167, 88.2246
YIQ	182.8630, 0.2690, 33.6850

Conversions

Conversions Part 2

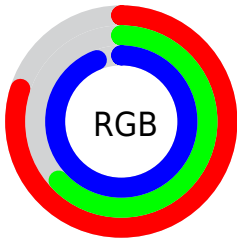
Format	Color
RYB	204, 161, 240
Decimal	13410800
CIELab	72.64, 30.46, -33.63
CIELCh	73, 45.374, 312.170
Yxy	44.6167, 0.2866, 0.2396
Android (android.graphics.Color)	4291600880 (0xFFCCA1F0)
YUV	182.8630, 28.1685, 18.5371
Hunter-Lab	66.7957, 25.7565, -31.5539

Details

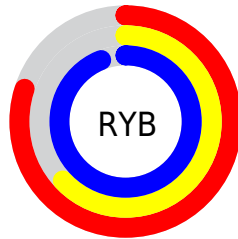
The YIQ color $182.8630, 0.2690, 33.6850$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $218.1370, -0.2690, -33.6850$, and the grayscale version is $183.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $232.1070, 10.7250, 20.3970$, and $129.5100, -0.2350, 31.8050$ is the 20% darker color. If you saturate the color by 10%, you get $165.4860, 0.3130, 43.9050$, and if you desaturate by 10%, it is $200.2400, 0.2250, 23.4650$.

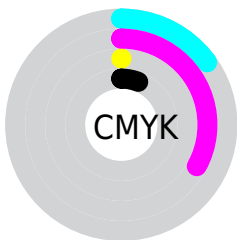
Distribution



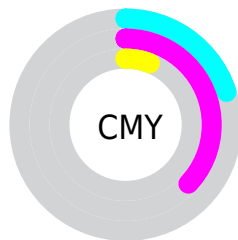
- Red (80%)
- Green (63%)
- Blue (94%)



- Red (80%)
- Yellow (63%)
- Blue (94%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (37%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.8630, 0.2690, 33.6850 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 182.8630, 0.2690, 33.6850 by changing the saturation by 10% instead.

182.8630, 0.2690,
33.6850

182.8630, 0.2690,
33.6850

255.0000, -0.0000,
-0.0000

155.9230, 0.0400,
32.3280

232.1070, 10.7250,
20.3970

129.5100, -0.2350,
31.8050

249.1300, 2.7500,
5.2300

103.6840, -0.7850,
30.7590

78.7440, -1.0140,
29.4020

54.9180, -1.5640,
28.3560

31.9780, -1.7930,
26.9990

13.9730, -3.3970,

23.0270

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,
2.7990

■ 182.8630, 0.2690,
33.6850

■ 182.8630, 0.2690,
33.6850

■ 165.4860, 0.3130,
43.9050

■ 200.2400, 0.2250,
23.4650

■ 148.1090, 0.3570,
54.1250

■ 217.6170, 0.1810,
13.2450

■ 130.7320, 0.4010,
64.3450

■ 234.9940, 0.1370,
3.0250

■ 113.3550, 0.4450,
74.5650

■ 251.1970, 0.6430,
-6.1490

■ 95.9780, 0.4890,
84.7850

■ 253.2900, 4.8150,
-4.6650

■ 78.9000, 1.1290,
95.2170

■ 66.5290, 1.0360,
102.4120

Harmonies

Analogous

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



175.7260, -45.3020, 17.0500



182.8630, 0.2690, 33.6850



182.9030, 38.3230, 37.8670

Triad

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



182.8630, 0.2690, 33.6850



176.5900, 56.3960, -8.8520



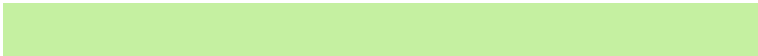
139.5160, -117.2740, -44.2660

Complementary

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



182.8630, 0.2690, 33.6850



218.1370, -0.2690, -33.6850

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.



158.8550, -52.2610, -38.5730



182.8630, 0.2690, 33.6850



173.2890, 31.7780, -25.2620

Square

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



182.8630, 0.2690, 33.6850



178.6970, 67.1210, 11.5450



168.2720, -5.0830, -34.5470



142.2010, -128.9680, -30.5680

Rectangle

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



182.8630, 0.2690, 33.6850



181.5380, 55.2880, 33.2720



168.2720, -5.0830, -34.5470



142.1060, -104.4360, -45.6520

Sweetspot

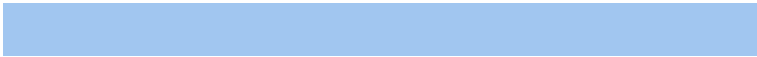
The Sweet Spot groups the original color and five complimentary colors.



182.8630, 0.2690, 33.6850



236.7370, -0.2770, 10.5310



191.7250, -35.5340, 5.2180



116.5150, 0.2280, 6.8840



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.



182.8630, 0.2690, 33.6850



181.3720, 0.6340, 43.5940



193.2850, 22.6880, 40.3840



111.1620, -0.2760, 5.0040



50.8760, 0.5360, 78.4240



15.6530, 0.5000, 23.9880

Inverse Universe

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



188.7250, 35.5280, 27.9440



188.7420, 46.0260, 35.9300



207.7150, -22.6880, -40.3840



112.1580, 5.5470, 4.0990



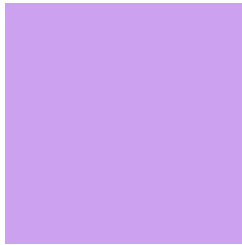
64.5920, 82.7000, 65.1320



19.7080, 25.0300, 19.9580

Previews

White Background



This preview shows how the YIQ color 182.8630, 0.2690, 33.6850 looks on a white background.

Color Contrast Check

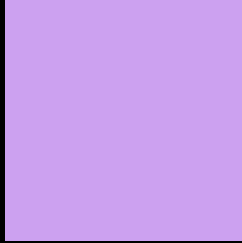
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 182.8630, 0.2690, 33.6850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

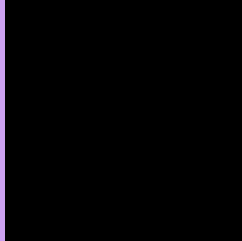
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.8630, 0.2690, 33.6850

Background



This preview shows how black text looks on a background with the YIQ color 182.8630, 0.2690, 33.6850.



This preview shows how white text looks on a background with the YIQ color 182.8630, 0.2690,

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

182.8630, 0.2690, 33.6850

Protanopia

178.2710, -36.5910, 18.8730

Deuteranopia

179.0670, -27.3290, 16.2150



Tritanopia

180.3590, 9.5350, 8.9190

Trichromacy



Original Color

182.8630, 0.2690, 33.6850



Protanomaly

180.2620, -23.2040, 24.0600



Deuteranomaly

180.7310, -17.3350, 22.3210



Tritanomaly

181.1880, 6.0030, 17.8670

Monochromacy



Original Color

182.8630, 0.2690, 33.6850



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

183.0900, 0.2270, 12.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.8630, 0.2690, 33.6850 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(204, 161, 240)` looks like.

```
.text, #text, p{  
    color:rgb(204, 161, 240)  
}
```

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(204, 161, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 161, 240) }
```

Border

The CSS property to change the border of an element to YIQ 182.8630, 0.2690, 33.6850 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(204, 161, 240) }
```


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

```
.border{ border-color:rgb(204, 161, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 161, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 161, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 161, 240);  
box-shadow:4px 4px 4px 4px rgb(204, 161,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 182.8630, 0.2690, 33.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 161, 240) }
```

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

```
.background{ background-color: rgb(204,  
161, 240) }
```

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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