

Converting Colors

YIQ(182.7690, -2.1620, 39.1980)

Have a look what the booklet for
YIQ(182.7690, -2.1620, 39.1980)
contains.

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Color

**YIQ(182.7690, -2.1620,
39.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9EFC
RGB	205, 158, 252
RGB Percent	80%, 62%, 99%
CMY	0.1959, 0.3805, 0.0118
CMYK	0.19, 0.37, 0.00, 0.01
HSL	270°, 94%, 80%
HSV	270°, 37%, 99%
XYZ	54.9798, 44.4593, 97.7620
YIQ	182.7690, -2.1620, 39.1980

Conversions

Conversions Part 2

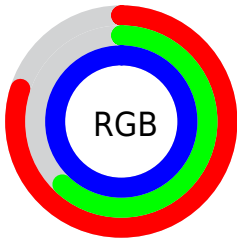
Format	Color
R _{YB}	205, 158, 252
Decimal	13475580
CIE Lab	72.53, 34.99, -40.30
CIE LCh	73, 53.371, 310.967
Yxy	44.4593, 0.2788, 0.2255
Android (android.graphics.Color)	4291665660 (0xFFCD9EFC)
YUV	182.7690, 34.1309, 19.4966
Hunter-Lab	66.6778, 30.4974, -40.2556

Details

The YIQ color $182.7690, -2.1620, 39.1980$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $227.2310, 2.1620, -39.1980$, and the grayscale version is $182.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.3460, 11.5500, 21.9660$, and $129.0030, -2.9410, 36.7950$ is the 20% darker color. If you saturate the color by 10%, you get $164.2070, -3.0350, 49.5170$, and if you desaturate by 10%, it is $201.3310, -1.2890, 28.8790$.

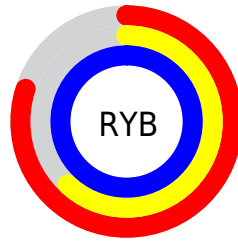
Distribution



Red (80%)

Green (62%)

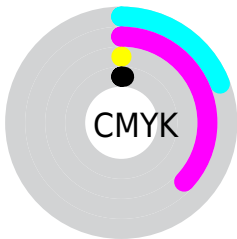
Blue (99%)



Red (80%)

Yellow (62%)

Blue (99%)

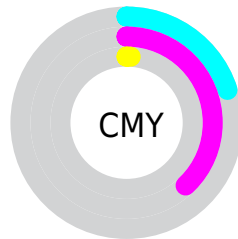


Cyan (19%)

Magenta (37%)

Yellow (0%)

Black (1%)



Cyan (20%)

Magenta (38%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.7690, -2.1620, 39.1980 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 182.7690, -2.1620, 39.1980 by changing the saturation by 10% instead.

182.7690, -2.1620,
39.1980

182.7690, -2.1620,
39.1980

255.0000, -0.0000,
-0.0000

155.8290, -2.3910,
37.8410

230.3460, 11.5500,
21.9660

129.0030, -2.9410,
36.7950

247.3690, 3.5750,
6.7990

103.1770, -3.4910,
35.7490

78.2370, -3.7200,
34.3920

53.9980, -4.5450,
32.8230

29.2860, -5.4160,
32.0880

13.8030, -8.6700,

24.9780

■ 5.4890, -14.0780,
12.8500

■ 2.9810, -7.0160,
6.0080

■ 182.7690, -2.1620,
39.1980

■ 182.7690, -2.1620,
39.1980

■ 164.2070, -3.0350,
49.5170

■ 201.3310, -1.2890,
28.8790

■ 145.9440, -3.3120,
60.0480

■ 219.5940, -1.0120,
18.3480

■ 126.7950, -3.9100,
70.8900

■ 238.7430, -0.4140,
7.5060

■ 108.5320, -4.1870,
81.4210

■ 254.6580, 0.9630,
-0.9330

■ 89.9700, -5.0600,
91.7400

■ 71.7070, -5.3370,
102.2710

■ 66.4020, -5.7960,
105.0840

Harmonies

Analogous

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



170.9420, -54.8380, 13.6580



182.7690, -2.1620, 39.1980



182.1690, 43.6860, 45.3020

Triad

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



182.7690, -2.1620, 39.1980



175.2120, 66.2080, -10.4640



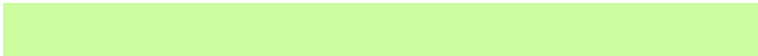
141.3910, -118.4200, -45.5240

Complementary

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



182.7690, -2.1620, 39.1980



227.2310, 2.1620, -39.1980

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.



151.4570, -66.0600, -47.3080



182.7690, -2.1620, 39.1980



171.6500, 37.8310, -30.3370

Square

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



182.7690, -2.1620, 39.1980



175.7580, 74.3190, 13.2550



165.4690, -4.4400, -40.6960



144.8740, -132.3610, -29.6490

Rectangle

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



182.7690, -2.1620, 39.1980



176.3690, 57.4420, 38.2900



165.4690, -4.4400, -40.6960



138.8660, -112.6880, -50.2880

Sweetspot

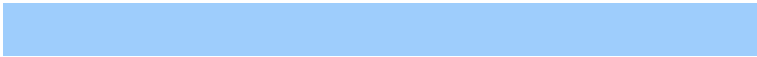
The Sweet Spot groups the original color and five complimentary colors.



182.7690, -2.1620, 39.1980



234.3780, -0.6440, 11.6760



196.3050, -43.0990, 4.6530



115.3300, -0.6890, 6.9830



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.



182.7690, -2.1620, 39.1980



170.4520, -2.3470, 48.0610



196.8220, 25.8500, 49.1620



115.5750, -0.0010, 5.5270



49.6520, -4.6450, 78.7070



16.2230, -1.1050, 25.5430

Inverse Universe

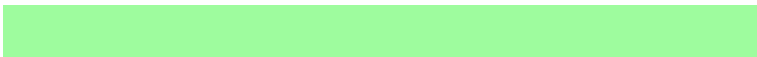
The Inverse Universe completely reimagines the original color for something new.



191.4640, 40.9370, 34.5450



180.9970, 49.9220, 42.4180



213.1780, -25.8500, -49.1620



116.6850, 5.5010, 4.9330



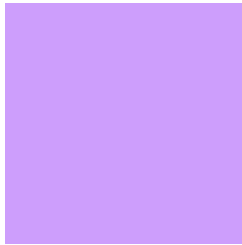
67.2270, 82.4700, 69.3020



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 182.7690, -2.1620, 39.1980 looks on a white background.

Color Contrast Check

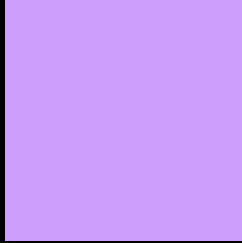
Large Text (above 18pt) WCAG AA × Fail

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 182.7690, -2.1620, 39.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

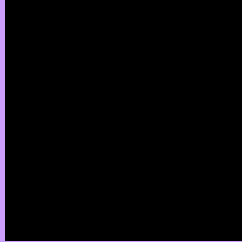
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.7690, -2.1620, 39.1980

Background



This preview shows how black text looks on a background with the YIQ color 182.7690, -2.1620, 39.1980.



This preview shows how white text looks on a background with the YIQ color 182.7690, -2.1620,

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

182.7690, -2.1620, 39.1980

Protanopia

177.8300, -39.6630, 19.4810

Deuteranopia

177.6300, -36.2240, 17.7280



Tritanopia

180.0600, 8.9390, 8.7070

Trichromacy



Original Color

182.7690, -2.1620, 39.1980



Protanomaly

179.2880, -26.0930, 26.8590



Deuteranomaly

179.3160, -23.2960, 25.7280



Tritanomaly

181.0570, 4.9940, 19.6340

Monochromacy



Original Color

182.7690, -2.1620, 39.1980



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

182.9590, -0.7820, 14.1780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.7690, -2.1620, 39.1980 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(205, 158, 252)` looks like.

```
.text, #text, p{  
    color:rgb(205, 158, 252)  
}
```

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(205, 158, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 158, 252) }
```

Border

The CSS property to change the border of an element to YIQ 182.7690, -2.1620, 39.1980 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(205, 158, 252) }
```


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

```
.border{ border-color:rgb(205, 158, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 158, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 158, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 158, 252);  
box-shadow:4px 4px 4px 4px rgb(205, 158,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 182.7690, -2.1620, 39.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 158, 252) }
```

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

```
.background{ background-color: rgb(205,  
158, 252) }
```

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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