

Converting Colors

YIQ(199.0300, -25.9070,
12.4690)

Have a look what the booklet for
YIQ(199.0300, -25.9070, 12.4690)
contains.

YIQ(199.0300, -25.9070, 12.4690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.0300, -25.9070,
12.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C6F9
RGB	182, 198, 249
RGB Percent	71%, 78%, 98%
CMY	0.2863, 0.2235, 0.0237
CMYK	0.27, 0.20, 0.00, 0.02
HSL	226°, 85%, 85%
HSV	226°, 27%, 98%
XYZ	56.5799, 57.1735, 97.6464
YIQ	199.0300, -25.9070, 12.4690

Conversions

Conversions Part 2

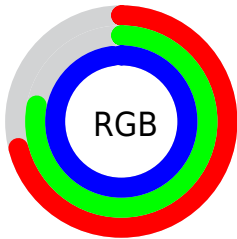
Format	Color
RYB	182, 195, 249
Decimal	11978489
CIELab	80.28, 5.62, -26.87
CIELCh	80, 27.455, 281.814
Yxy	57.1735, 0.2676, 0.2705
Android (android.graphics.Color)	4290168569 (0xFFB6C6F9)
YUV	199.0300, 24.6352, -14.9353
Hunter-Lab	75.6131, 1.2452, -23.6375

Details

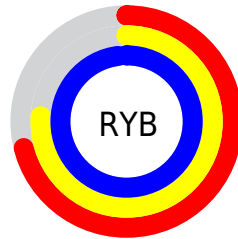
The YIQ color $199.0300, -25.9070, 12.4690$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.9700, 25.9070, -12.4690$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2160, -9.5360, -3.3920$, and $144.6880, -24.9440, 11.5360$ is the 20% darker color. If you saturate the color by 10%, you get $180.4020, -35.5820, 17.1060$, and if you desaturate by 10%, it is $217.6580, -16.2320, 7.8320$.

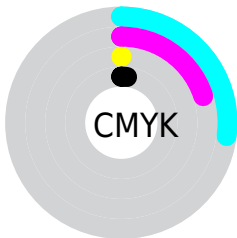
Distribution



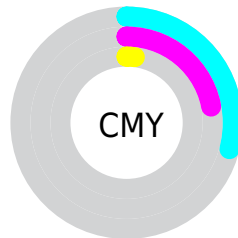
- Red (71%)
- Green (78%)
- Blue (98%)



- Red (71%)
- Yellow (76%)
- Blue (98%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.0300, -25.9070, 12.4690 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 199.0300, -25.9070, 12.4690 by changing the saturation by 10% instead.

■ 199.0300,
-25.9070, 12.4690

■ 199.0300,
-25.9070, 12.4690

■ 255.0000, -0.0000,
-0.0000

■ 171.8020,
-25.2650, 11.8470

■ 250.2160, -9.5360,
-3.3920

■ 144.6880,
-24.9440, 11.5360

■ 119.1610,
-24.8980, 10.7020

■ 93.7480, -25.1730,
10.1790

■ 69.8080, -25.4020,
8.8220

■ 45.3840, -27.1440,
7.3520

■ 23.8460, -28.5650,

5.5710

■ 4.9020, -13.8030,
13.3730

■ 2.9810, -7.0160,
6.0080

■ 199.0300,
-25.9070, 12.4690

■ 199.0300,
-25.9070, 12.4690

■ 180.4020,
-35.5820, 17.1060

■ 217.6580,
-16.2320, 7.8320

■ 161.7740,
-45.2570, 21.7430

■ 236.2860, -6.5570,
3.1950

■ 143.1460,
-54.9320, 26.3800

■ 254.3160, 1.9260,
-1.8660

■ 124.5180,
-64.6070, 31.0170

■ 106.1890,
-73.6860, 35.8660

■ 87.5610, -83.3610,
40.5030

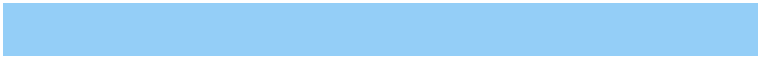
■ 68.9330, -93.0360,
45.1400

■ 63.6060, -96.4290,
46.0590

Harmonies

Analogous

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



193.3320, -47.7290, 0.4550



199.0300, -25.9070, 12.4690



202.5450, 0.6840, 20.6520

Triad

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



199.0300, -25.9070, 12.4690



201.6710, 43.6470, 7.4470



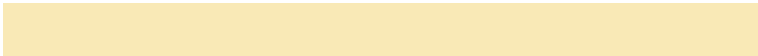
190.0420, -27.3220, -22.4740

Complementary

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



199.0300, -25.9070, 12.4690



231.9700, 25.9070, -12.4690

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.



193.8570, -1.8760, -21.0760



199.0300, -25.9070, 12.4690



199.2860, 37.0010, -4.2710

Square

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



199.0300, -25.9070, 12.4690



202.9560, 38.8310, 17.6390



197.1650, 20.8640, -14.6880



188.0150, -49.0550, -19.5750

Rectangle

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



199.0300, -25.9070, 12.4690



203.5100, 16.9600, 23.0400



197.1650, 20.8640, -14.6880



191.2340, -19.1150, -22.5310

Sweetspot

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



199.0300, -25.9070, 12.4690



239.6280, -7.5200, 4.1280



227.0290, -34.4750, -19.4910



118.2430, -4.9980, 2.4740



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.



199.0300, -25.9070, 12.4690



194.0880, -31.8220, 15.0420



194.7210, -11.3750, 24.4410



115.2430, -4.9980, 2.4740



47.9610, -73.0440, 35.2440



15.7590, -23.7060, 11.1260

Inverse Universe

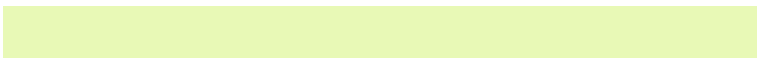
The Inverse Universe completely reimagines the original color for something new.



203.8570, 34.7960, 19.1800



199.7980, 42.4520, 23.6040



236.2790, 11.3750, -24.4410



116.2290, 6.7850, 3.6890



61.6410, 98.1990, 54.0630



19.9490, 31.5410, 17.5970

Previews

White Background



This preview shows how the YIQ color 199.0300, -25.9070, 12.4690 looks on a white background.

Color Contrast Check

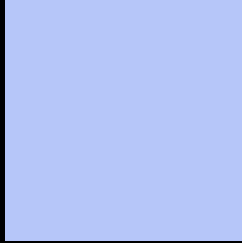
Large Text (above 18pt) WCAG AA × Fail

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 199.0300, -25.9070, 12.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

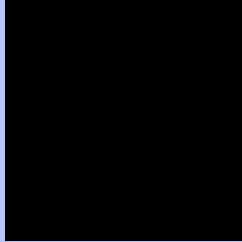
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.0300, -25.9070, 12.4690

Background



This preview shows how black text looks on a background with the YIQ color 199.0300, -25.9070, 12.4690.



This preview shows how white text looks on a background with the YIQ color 199.0300, -25.9070,

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

199.0300, -25.9070, 12.4690

Protanopia

199.5250, -22.9270, 13.5290

Deuteranopia

200.3730, -19.4430, 16.4690



Tritanopia

196.7510, -21.2280, -0.7480

Trichromacy



Original Color

199.0300, -25.9070, 12.4690

Protanomaly

199.2260, -23.5230, 13.3170

Deuteranomaly

199.7640, -22.1020, 15.0980

Tritanomaly

197.4290, -23.0170, 4.1430

Monochromacy



Original Color

199.0300, -25.9070, 12.4690

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.2580, -9.3540, 4.3260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.0300, -25.9070, 12.4690 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(182, 198, 249)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 249)  
}
```

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(182, 198, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 249) }
```

Border

The CSS property to change the border of an element to YIQ 199.0300, -25.9070, 12.4690 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(182, 198, 249) }
```


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

```
.border{ border-color:rgb(182, 198, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 198, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 198, 249); box-shadow:4px 4px 4px 4px rgb(182, 198, 249) }
```

Background

The CSS property to change the background color of an element to YIQ 199.0300, -25.9070, 12.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 249) }
```

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

```
.background{ background-color: rgb(182,  
198, 249) }
```

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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