

Converting Colors

YIQ(179.9000, -28.6570, 7.2390)

Have a look what the booklet for
YIQ(179.9000, -28.6570, 7.2390)
contains.

YIQ(179.9000, -28.6570, 7.2390)	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(179.9000, -28.6570,
7.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB7E0
RGB	157, 183, 224
RGB Percent	62%, 72%, 88%
CMY	0.3843, 0.2823, 0.1217
CMYK	0.30, 0.18, 0.00, 0.12
HSL	217°, 52%, 75%
HSV	217°, 30%, 88%
XYZ	44.2881, 46.4185, 77.1201
YIQ	179.9000, -28.6570, 7.2390

Conversions

Conversions Part 2

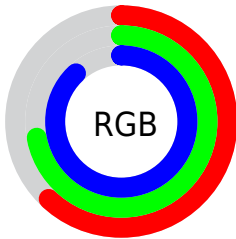
Format	Color
RYB	157, 176, 224
Decimal	10336224
CIELab	73.82, 0.49, -23.42
CIElCh	74, 23.428, 271.205
Yxy	46.4185, 0.2639, 0.2766
Android (android.graphics.Color)	4288526304 (0xFF9DB7E0)
YUV	179.9000, 21.7413, -20.0833
Hunter-Lab	68.1311, -3.1970, -19.4207

Details

The YIQ color **179.9000, -28.6570, 7.2390** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.1000, 28.6570, -7.2390**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.0500, -20.6320, -0.5360**, and **126.6720, -28.0150, 6.6170** is the 20% darker color. If you saturate the color by 10%, you get **165.1040, -37.9190, 9.8970**, and if you desaturate by 10%, it is **194.6960, -19.3950, 4.5810**.

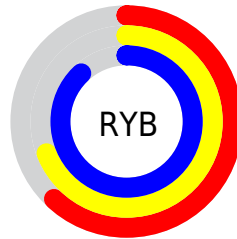
Distribution



Red (62%)

Green (72%)

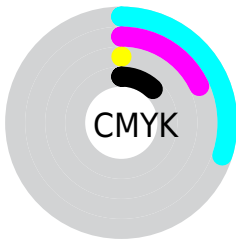
Blue (88%)



Red (62%)

Yellow (69%)

Blue (88%)

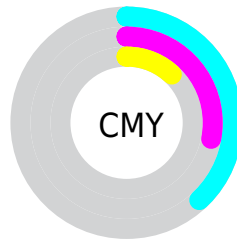


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (12%)



Cyan (38%)

Magenta (28%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.9000, -28.6570, 7.2390 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 179.9000, -28.6570, 7.2390 by changing the saturation by 10% instead.

■ 179.9000,
-28.6570, 7.2390

■ 179.9000,
-28.6570, 7.2390

■ 255.0000, -0.0000,
-0.0000

■ 152.7860,
-28.3360, 6.9280

■ 233.0500,
-20.6320, -0.5360

■ 126.6720,
-28.0150, 6.6170

■ 251.1130, -7.7480,
-2.7560

■ 101.1450,
-27.9690, 5.7830

■ 76.6180, -27.9230,
4.9490

■ 52.3080, -29.9860,
3.7900

■ 29.4710, -32.0030,
1.7970

■ 14.6360, -19.1660,

5.9380

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 179.9000,
-28.6570, 7.2390

■ 179.9000,
-28.6570, 7.2390

■ 165.1040,
-37.9190, 9.8970

■ 194.6960,
-19.3950, 4.5810

■ 150.5960,
-48.0520, 11.8200

■ 209.2040, -9.2620,
2.6580

■ 135.8000,
-57.3140, 14.4780

■ 224.0000, -0.0000,
0.0000

■ 120.7050,
-67.1720, 16.9240

■ 239.0950, 9.8580,
-2.4460

■ 106.4960,
-76.7090, 19.0590

■ 249.1180, 11.0510,
-7.5490

■ 91.7000, -85.9710,
21.7170

■ 251.4660, 9.9510,
-9.6410

■ 76.6050, -95.8290,
24.1630

Harmonies

Analogous

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



174.9640, -43.8770, -3.2770



179.9000, -28.6570, 7.2390



183.7780, -7.5220, 15.1820

Triad

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



179.9000, -28.6570, 7.2390



184.1310, 36.5400, 9.5960



175.4950, -15.3560, -19.0680

Complementary

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



179.9000, -28.6570, 7.2390



201.1000, 28.6570, -7.2390

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.



177.9120, 5.4590, -16.3410



179.9000, -28.6570, 7.2390



182.2520, 34.3410, -0.1150

Square

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



179.9000, -28.6570, 7.2390



185.0520, 29.7530, 16.9610



180.4090, 23.2930, -9.1470



172.8980, -35.4840, -17.7240

Rectangle

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



179.9000, -28.6570, 7.2390



184.9000, 6.8740, 18.6020



180.4090, 23.2930, -9.1470



176.0290, -8.1120, -18.1920

Sweetspot

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



179.9000, -28.6570, 7.2390



239.9050, -9.8580, 2.4460



200.8890, -31.2650, -22.6010



118.2320, -6.4650, 1.5270



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.



179.9000, -28.6570, 7.2390



194.6200, -39.4320, 9.7840



166.7310, -17.3350, 22.3210



104.6020, -4.6310, 1.3290



59.9800, -75.1960, 19.1720



16.6250, -20.6330, 4.9910

Inverse Universe

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



179.9970, 31.5860, 22.2900



194.6120, 43.2760, 30.7000



214.2690, 17.3350, -22.3210



104.7450, 5.2720, 3.5760



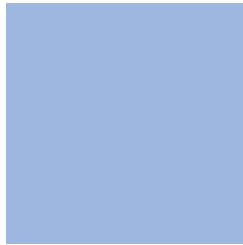
60.3760, 83.0680, 58.4600



16.5180, 22.5090, 16.0850

Previews

White Background



This preview shows how the YIQ color 179.9000, -28.6570, 7.2390 looks on a white background.

Color Contrast Check

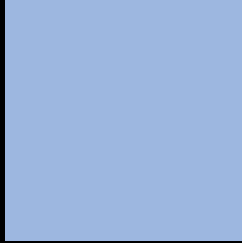
Large Text (above 18pt) WCAG AA × Fail

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 179.9000, -28.6570, 7.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

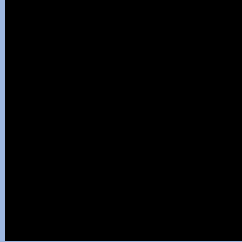
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

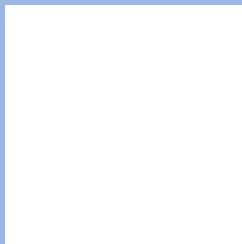
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 179.9000, -28.6570, 7.2390

Background



This preview shows how black text looks on a background with the YIQ color 179.9000, -28.6570, 7.2390.



This preview shows how white text looks on a background with the YIQ color 179.9000, -28.6570, 7.2390.

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

179.9000, -28.6570, 7.2390

Protanopia

181.3960, -18.2500, 11.3660

Deuteranopia

182.1730, -16.0040, 14.7160



Tritanopia

178.2450, -25.6750, -2.7550

Trichromacy



Original Color

179.9000, -28.6570, 7.2390

Protanomaly

180.6020, -21.8260, 10.0940

Deuteranomaly

181.2540, -20.7260, 12.1860

Tritanomaly

179.1680, -26.7760, 0.6800

Monochromacy



Original Color

179.9000, -28.6570, 7.2390

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0190, -10.1790, 2.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.9000, -28.6570, 7.2390 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(157, 183, 224)` looks like.

```
.text, #text, p{  
    color:rgb(157, 183, 224)  
}
```

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(157, 183, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 183, 224) }
```

Border

The CSS property to change the border of an element to YIQ 179.9000, -28.6570, 7.2390 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(157, 183, 224) }
```


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

```
.border{ border-color:rgb(157, 183, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 183, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 183, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 183, 224);  
box-shadow:4px 4px 4px 4px rgb(157, 183,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 179.9000, -28.6570, 7.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 183, 224) }
```

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

```
.background{ background-color: rgb(157,  
183, 224) }
```

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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