

Converting Colors

YIQ(172.7330, -29.9850,
-1.7370)

Have a look what the booklet for
YIQ(172.7330, -29.9850, -1.7370)
contains.

YIQ(172.7330, -29.9850, -1.7370)	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(172.7330, -29.9850,
-1.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB6CB
RGB	143, 182, 203
RGB Percent	56%, 71%, 80%
CMY	0.4393, 0.2862, 0.2041
CMYK	0.30, 0.10, 0.00, 0.20
HSL	201°, 37%, 68%
HSV	201°, 30%, 80%
XYZ	38.8309, 43.6106, 62.8494
YIQ	172.7330, -29.9850, -1.7370

Conversions

Conversions Part 2

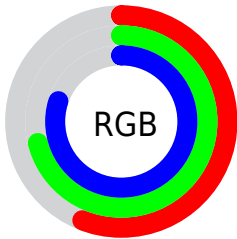
Format	Color
R_{YB}	143, 167, 203
Decimal	9418443
CIE Lab	71.97, -8.16, -14.86
CIE LCh	72, 16.951, 241.214
Yxy	43.6106, 0.2673, 0.3002
Android (android.graphics.Color)	4287608523 (0xFF8FB6CB)
YUV	172.7330, 14.9216, -26.0758
Hunter-Lab	66.0383, -10.6082, -10.2001

Details

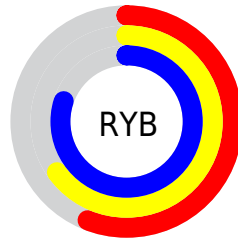
The YIQ color $172.7330, -29.9850, -1.7370$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $173.2670, 29.9850, 1.7370$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $227.9780, -29.2970, -3.1930$, and $119.9180, -29.0680, -1.8360$ is the 20% darker color. If you saturate the color by 10%, you get $162.6440, -39.9800, -2.3160$, and if you desaturate by 10%, it is $182.8220, -19.9900, -1.1580$.

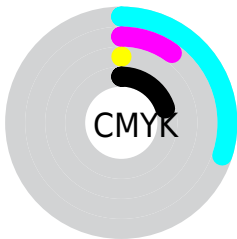
Distribution



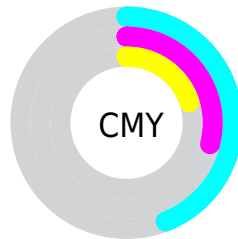
- Red (56%)
- Green (71%)
- Blue (80%)



- Red (56%)
- Yellow (65%)
- Blue (80%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7330, -29.9850, -1.7370 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 172.7330, -29.9850, -1.7370 by changing the saturation by 10% instead.

■ 172.7330,
-29.9850, -1.7370

■ 172.7330,
-29.9850, -1.7370

■ 255.0000, -0.0000,
-0.0000

■ 145.7330,
-29.9850, -1.7370

■ 227.9780,
-29.2970, -3.1930

■ 119.9180,
-29.0680, -1.8360

■ 246.3290,
-17.2840, -6.1480

■ 94.5050, -29.3430,
-2.3590

■ 70.0920, -29.6180,
-2.8820

■ 45.4830, -32.2770,
-4.2530

■ 27.0600, -26.5920,
-2.6560

■ 11.7520, -13.8010,

2.3190

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 172.7330,
-29.9850, -1.7370

■ 172.7330,
-29.9850, -1.7370

■ 162.6440,
-39.9800, -2.3160

■ 182.8220,
-19.9900, -1.1580

■ 152.2560,
-50.5710, -3.1070

■ 193.2100, -9.3990,
-0.3670

■ 142.1670,
-60.5660, -3.6860

■ 203.2990, 0.5960,
0.2120

■ 132.0780,
-70.5610, -4.2650

■ 213.3880, 10.5910,
0.7910

■ 121.6900,
-81.1520, -5.0560

■ 223.4770, 20.5860,
1.3700

■ 111.0140,
-90.8720, -5.1120

■ 231.4620, 24.9420,
-0.4820

■ 100.9250,
-100.8670, -5.6910

■ 235.5710, 23.0170,
-4.1430

■ 100.6260,
-101.4630, -5.9030

■ 239.6800, 21.0920,
-7.8040

■ 243.7890, 19.1670,
-11.4650

Harmonies

Analogous

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



171.1470, -31.4510, -8.2110



172.7330, -29.9850, -1.7370



175.3370, -19.7620, 5.7260

Triad

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



172.7330, -29.9850, -1.7370



179.3990, 21.2260, 11.8020



173.8890, 4.2660, -11.2380

Complementary

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



172.7330, -29.9850, -1.7370



173.2670, 29.9850, 1.7370

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.



175.5810, 17.0570, -6.2630



172.7330, -29.9850, -1.7370



178.8740, 26.9580, 7.0380

Square

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



172.7330, -29.9850, -1.7370



179.4070, 9.5800, 13.6120



177.2880, 25.4920, 0.5640



172.1090, -11.0930, -13.7250

Rectangle

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



172.7330, -29.9850, -1.7370



177.2350, -10.5470, 9.4290



177.2880, 25.4920, 0.5640



174.7540, 9.0800, -10.3760

Sweetspot

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



172.7330, -29.9850, -1.7370



243.4270, -11.5080, -0.6920



180.5000, -22.9200, -25.1600



120.5800, -7.5650, -0.5650



0.0000, 0.0000, 0.0000



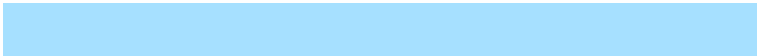
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.7330, -29.9850, -1.7370



210.1920, -44.5190, -2.6550



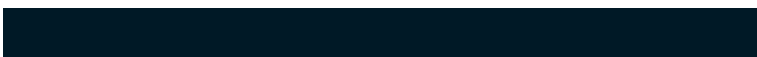
155.7100, -22.0100, 13.4300



96.6620, -4.8600, -0.0280



82.3200, -82.9860, -4.8580



19.0070, -19.0730, -1.2570

Inverse Universe

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



165.3860, 23.2410, 24.8490



199.2230, 34.4260, 36.9060



190.2900, 22.0100, -13.4300



95.6740, 4.0340, 3.9860



61.9460, 64.2680, 68.7800



14.2120, 14.6230, 15.8310

Previews

White Background



This preview shows how the YIQ color 172.7330, -29.9850, -1.7370 looks on a white background.

Color Contrast Check

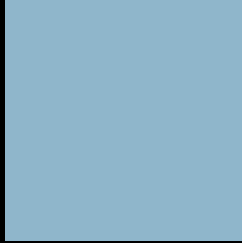
Large Text (above 18pt) WCAG AA × Fail

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 172.7330, -29.9850, -1.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

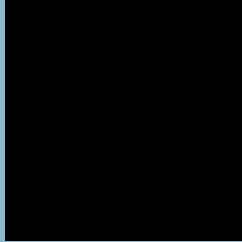
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.7330, -29.9850, -1.7370

Background



This preview shows how black text looks on a background with the YIQ color 172.7330, -29.9850, -1.7370.



This preview shows how white text looks on a background with the YIQ color 172.7330, -29.9850, -1.7370.

-1.7370.

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

172.7330, -29.9850, -1.7370

Protanopia

176.7250, -9.1710, 6.5170

Deuteranopia

177.8550, -6.4210, 11.7470



Tritanopia

172.4510, -29.2510, -4.0270

Trichromacy



Original Color

172.7330, -29.9850, -1.7370

Protanomaly

175.4250, -17.1940, 3.2380

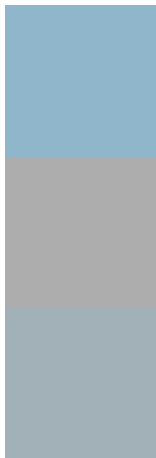
Deuteranomaly

176.2020, -14.9480, 6.5880

Tritanomaly

172.6790, -29.8930, -3.4050

Monochromacy



Original Color

172.7330, -29.9850, -1.7370

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.7260, -10.9120, -0.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7330, -29.9850, -1.7370 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(143, 182, 203)` looks like.

```
.text, #text, p{  
    color:rgb(143, 182, 203)  
}
```

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(143, 182, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 182, 203) }
```

Border

The CSS property to change the border of an element to YIQ 172.7330, -29.9850, -1.7370 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(143, 182, 203) }
```


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

```
.border{ border-color:rgb(143, 182, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 182, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 182, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 182, 203);  
box-shadow:4px 4px 4px 4px rgb(143, 182,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7330, -29.9850, -1.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 182, 203) }
```

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

```
.background{ background-color: rgb(143,  
182, 203) }
```

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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