

Converting Colors

YIQ(172.7740, -37.2300, 2.9140)

Have a look what the booklet for
YIQ(172.7740, -37.2300, 2.9140)
contains.

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Color

**YIQ(172.7740, -37.2300,
2.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB5DB
RGB	139, 181, 219
RGB Percent	55%, 71%, 86%
CMY	0.4550, 0.2901, 0.1413
CMYK	0.37, 0.17, 0.00, 0.14
HSL	208°, 53%, 70%
HSV	208°, 37%, 86%
XYZ	39.9519, 43.6544, 73.3071
YIQ	172.7740, -37.2300, 2.9140

Conversions

Conversions Part 2

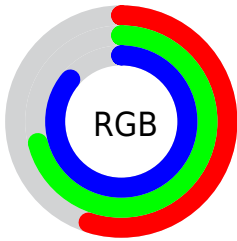
Format	Color
RYB	139, 167, 219
Decimal	9156059
CIELab	72.00, -4.75, -23.57
CIELCh	72, 24.046, 258.601
Yxy	43.6544, 0.2546, 0.2782
Android (android.graphics.Color)	4287346139 (0xFF8BB5DB)
YUV	172.7740, 22.7894, -29.6198
Hunter-Lab	66.0714, -7.6901, -19.5330

Details

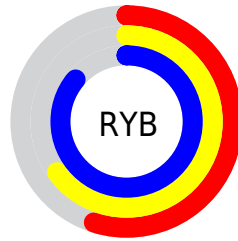
The YIQ color **172.7740, -37.2300, 2.9140** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **185.2260, 37.2300, -2.9140**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4940, -30.8100, -3.3060**, and **119.2470, -37.1840, 2.0800** is the 20% darker color. If you saturate the color by 10%, you get **160.3260, -47.5920, 3.4800**, and if you desaturate by 10%, it is **185.2220, -26.8680, 2.3480**.

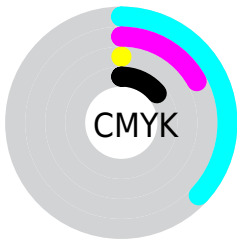
Distribution



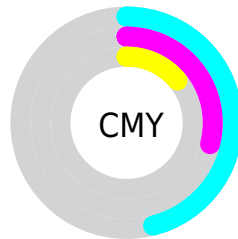
- Red (55%)
- Green (71%)
- Blue (86%)



- Red (55%)
- Yellow (65%)
- Blue (86%)



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7740, -37.2300, 2.9140 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 172.7740, -37.2300, 2.9140 by changing the saturation by 10% instead.

■ 172.7740,
-37.2300, 2.9140

■ 172.7740,
-37.2300, 2.9140

■ 255.0000, -0.0000,
-0.0000

■ 145.6600,
-36.9090, 2.6030

■ 226.4940,
-30.8100, -3.3060

■ 119.2470,
-37.1840, 2.0800

■ 245.4320,
-19.0720, -6.7840

■ 93.8340, -37.4590,
1.5570

■ 254.4020, -1.1920,
-0.4240

■ 68.1110, -39.7970,
-0.1250

■ 43.3770, -43.6020,
-2.7540

■ 27.8410, -30.1690,
1.5990

■ 12.4190, -17.0570,

6.2630

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 172.7740,
-37.2300, 2.9140

■ 172.7740,
-37.2300, 2.9140

■ 160.3260,
-47.5920, 3.4800

■ 185.2220,
-26.8680, 2.3480

■ 147.2910,
-57.6790, 4.5690

■ 198.2570,
-16.7810, 1.2590

■ 134.8430,
-68.0410, 5.1350

■ 210.7050, -6.4190,
0.6930

■ 121.8080,
-78.1280, 6.2240

■ 223.7400, 3.6680,
-0.3960

■ 109.6590,
-87.8940, 7.0020

■ 235.8890, 13.4340,
-1.1740

■ 97.2110, -98.2560,
7.5680

■ 243.8520, 14.8560,
-4.9200

■ 92.4710,
-101.9240, 7.9640

■ 250.3090, 11.8310,
-10.6730

■ 250.8960, 11.5560,
-11.1960

Harmonies

Analogous

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



167.9910, -48.5070, -7.4750



172.7740, -37.2300, 2.9140



177.5210, -17.1040, 12.6240

Triad

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



172.7740, -37.2300, 2.9140



179.4670, 35.7140, 13.5540



171.1000, -6.8740, -18.6020

Complementary

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



172.7740, -37.2300, 2.9140



185.2260, 37.2300, -2.9140

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.



173.9840, 14.1240, -13.6840



172.7740, -37.2300, 2.9140



177.8550, 37.1370, 4.2810

Square

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



172.7740, -37.2300, 2.9140



179.9960, 24.1590, 19.2230



176.3390, 29.4820, -5.6700



168.2640, -27.8270, -18.8270

Rectangle

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



172.7740, -37.2300, 2.9140



179.4690, -2.1580, 17.0900



176.3390, 29.4820, -5.6700



172.0470, 0.6450, -17.2030

Sweetspot

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



172.7740, -37.2300, 2.9140



238.9970, -13.1130, 0.8630



190.1780, -33.8770, -30.3330



118.2210, -7.9320, 0.5800



0.0000, 0.0000, 0.0000



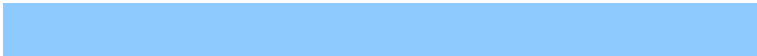
128.0000, -0.0000, -0.0000

Same Dimension

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



172.7740, -37.2300, 2.9140



190.4010, -52.1770, 3.9750



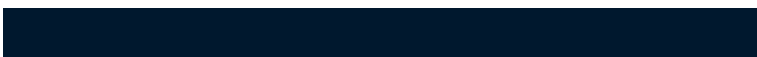
149.8810, -26.5050, 23.3110



103.1890, -4.9060, 0.8060



73.1390, -80.5580, 6.2100



19.3320, -21.3660, 1.7540

Inverse Universe

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



167.7080, 34.1980, 30.0220



183.2140, 47.8130, 42.0930



208.1190, 26.5050, -23.3110



102.8590, 4.9510, 3.8870



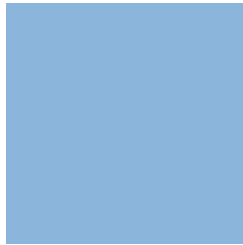
62.1010, 73.8970, 64.9770



16.4900, 19.7120, 17.2160

Previews

White Background



This preview shows how the YIQ color 172.7740, -37.2300, 2.9140 looks on a white background.

Color Contrast Check

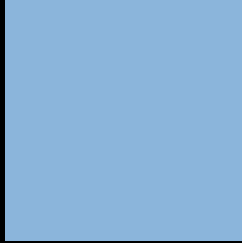
Large Text (above 18pt) WCAG AA × Fail

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 172.7740, -37.2300, 2.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

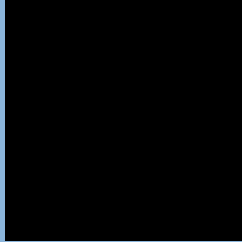
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.7740, -37.2300, 2.9140

Background



This preview shows how black text looks on a background with the YIQ color 172.7740, -37.2300, 2.9140.



This preview shows how white text looks on a background with the YIQ color 172.7740, -37.2300,

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

172.7740, -37.2300, 2.9140

Protanopia

176.4670, -17.0120, 10.9560

Deuteranopia

177.5750, -17.1960, 14.2920



Tritanopia

170.7600, -34.6150, -5.9350

Trichromacy



Original Color

172.7740, -37.2300, 2.9140

Protanomaly

175.4660, -24.4390, 7.8890

Deuteranomaly

175.9330, -24.2560, 10.0800

Tritanomaly

171.5690, -35.3950, -2.8110

Monochromacy



Original Color

172.7740, -37.2300, 2.9140

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1110, -13.4340, 1.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7740, -37.2300, 2.9140 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(139, 181, 219)` looks like.

```
.text, #text, p{  
    color:rgb(139, 181, 219)  
}
```

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(139, 181, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 181, 219) }
```

Border

The CSS property to change the border of an element to YIQ 172.7740, -37.2300, 2.9140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

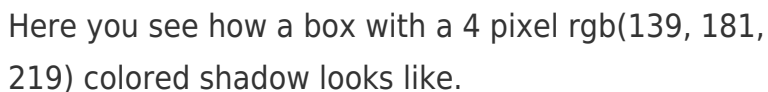
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 181, 219) }
```


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

```
.border{ border-color:rgb(139, 181, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 181, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 181, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 181, 219); box-shadow:4px 4px 4px 4px rgb(139, 181, 219) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7740, -37.2300, 2.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 181, 219) }
```

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

```
.background{ background-color: rgb(139,  
181, 219) }
```

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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