

Converting Colors

YIQ(172.8610, -42.0890,
-2.6410)

Have a look what the booklet for
YIQ(172.8610, -42.0890, -2.6410)
contains.

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Color

**YIQ(172.8610, -42.0890,
-2.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	83BAD7
RGB	131, 186, 215
RGB Percent	51%, 73%, 84%
CMY	0.4864, 0.2705, 0.1570
CMYK	0.39, 0.13, 0.00, 0.16
HSL	201°, 51%, 68%
HSV	201°, 39%, 84%
XYZ	39.1789, 44.8544, 70.8502
YIQ	172.8610, -42.0890, -2.6410

Conversions

Conversions Part 2

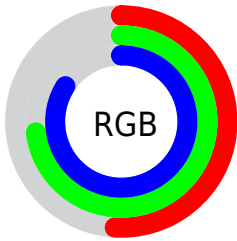
Format	Color
RYB	131, 164, 215
Decimal	8633047
CIELab	72.80, -10.63, -20.21
CIELCh	73, 22.837, 242.265
Yxy	44.8544, 0.2530, 0.2896
Android (android.graphics.Color)	4286823127 (0xFF83BAD7)
YUV	172.8610, 20.7745, -36.7121
Hunter-Lab	66.9734, -12.7824, -15.8407

Details

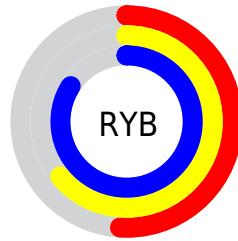
The YIQ color **172.8610, -42.0890, -2.6410** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **173.1390, 42.0890, 2.6410**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.0370, -36.9530, -7.6170**, and **119.3340, -42.0430, -3.4750** is the 20% darker color. If you saturate the color by 10%, you get **162.1740, -53.2760, -3.6440**, and if you desaturate by 10%, it is **183.2490, -31.4980, -1.8500**.

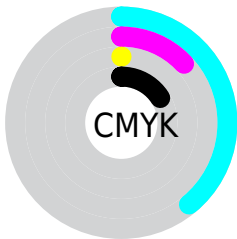
Distribution



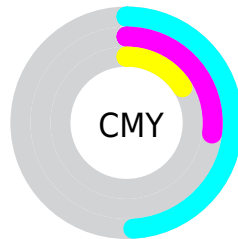
- Red (51%)
- Green (73%)
- Blue (84%)



- Red (51%)
- Yellow (64%)
- Blue (84%)



- Cyan (39%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.8610, -42.0890, -2.6410 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 172.8610, -42.0890, -2.6410 by changing the saturation by 10% instead.

■ 172.8610,
-42.0890, -2.6410

■ 172.8610,
-42.0890, -2.6410

■ 255.0000, -0.0000,
-0.0000

■ 145.7470,
-41.7680, -2.9520

■ 227.0370,
-36.9530, -7.6170

■ 119.3340,
-42.0430, -3.4750

■ 243.0400,
-23.8400, -8.4800

■ 93.3230, -43.5100,
-4.4220

■ 252.0100, -5.9600,
-2.1200

■ 65.6320, -48.8740,
-6.3300

■ 44.7960, -43.4640,
-5.2560

■ 29.8470, -30.3060,
-1.4260

■ 15.5990, -17.7440,

2.1920

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 172.8610,
-42.0890, -2.6410

■ 172.8610,
-42.0890, -2.6410

■ 162.1740,
-53.2760, -3.6440

■ 183.2490,
-31.4980, -1.8500

■ 151.1990,
-63.5920, -3.9120

■ 194.5230,
-20.5860, -1.3700

■ 140.5120,
-74.7790, -4.9150

■ 204.9110, -9.9950,
-0.5790

■ 129.5370,
-85.0950, -5.1830

■ 216.1850, 0.9170,
-0.0990

■ 118.8500,
-96.2820, -6.1860

■ 226.5730, 11.5080,
0.6920

■ 108.4620,
-106.8730, -6.9770

■ 235.7650, 19.7150,
0.6350

■ 107.2770,
-107.7900, -6.8780

■ 240.4610, 17.5150,
-3.5490

■ 244.5700, 15.5900,
-7.2100

■ 249.2660, 13.3900,
-11.3940

Harmonies

Analogous

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



170.2100, -44.9300, -11.7300



172.8610, -42.0890, -2.6410



177.3840, -27.1440, 7.3520

Triad

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



172.8610, -42.0890, -2.6410



182.3400, 28.8820, 16.2260



175.1400, 4.8170, -15.7190

Complementary

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



172.8610, -42.0890, -2.6410



173.1390, 42.0890, 2.6410

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.



177.8110, 22.1010, -9.5710



172.8610, -42.0890, -2.6410



180.8320, 35.9440, 9.3840

Square

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



172.8610, -42.0890, -2.6410



182.4940, 13.8890, 18.1210



179.6540, 33.1490, -0.5390



172.7230, -15.9980, -18.4460

Rectangle

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



172.8610, -42.0890, -2.6410



179.7880, -13.4820, 13.0620



179.6540, 33.1490, -0.5390



176.0160, 11.0980, -13.9100

Sweetspot

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



172.8610, -42.0890, -2.6410



239.2740, -15.4510, -0.8190



183.5000, -32.0880, -35.2240



118.5090, -8.8030, -0.1550



0.0000, 0.0000, 0.0000



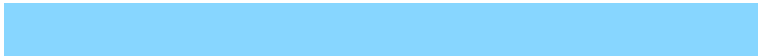
128.0000, -0.0000, -0.0000

Same Dimension

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



172.8610, -42.0890, -2.6410



195.0530, -60.2450, -3.9970



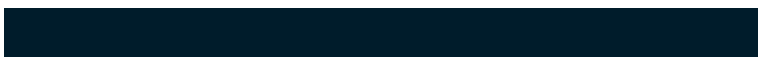
148.7940, -30.8140, 18.8020



101.3630, -5.4560, -0.2400



85.2380, -85.6910, -5.3950



21.3380, -21.5030, -1.2710

Inverse Universe

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



162.3860, 32.4090, 34.9130



179.8860, 46.1610, 50.0090



197.2060, 30.8140, -18.8020



100.0870, 4.3090, 4.5090



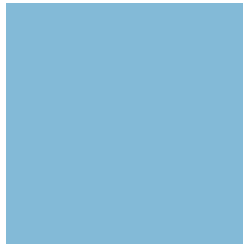
63.8970, 65.9640, 71.0840



16.0490, 16.6400, 17.8240

Previews

White Background



This preview shows how the YIQ color 172.8610, -42.0890, -2.6410 looks on a white background.

Color Contrast Check

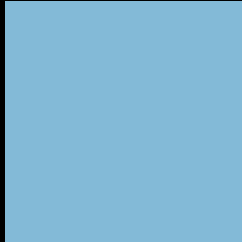
Large Text (above 18pt) WCAG AA × Fail

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 172.8610, -42.0890, -2.6410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

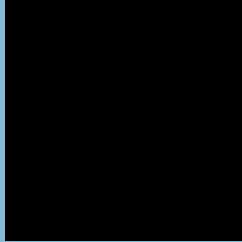
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.8610, -42.0890, -2.6410

Background



This preview shows how black text looks on a background with the YIQ color 172.8610, -42.0890, -2.6410.



This preview shows how white text looks on a background with the YIQ color 172.8610, -42.0890, -2.6410.

-2.6410.

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

172.8610, -42.0890, -2.6410

Protanopia

178.5660, -12.9770, 9.4150

Deuteranopia

179.2010, -13.2070, 13.5850



Tritanopia

171.7700, -40.5750, -8.0550

Trichromacy



Original Color

172.8610, -42.0890, -2.6410

Protanomaly

176.6570, -23.6590, 4.7650

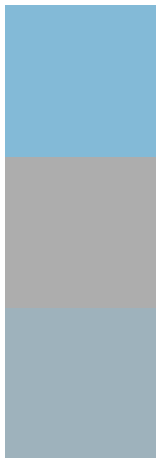
Deuteranomaly

176.6510, -23.5220, 7.7900

Tritanomaly

171.9380, -40.9880, -6.0760

Monochromacy



Original Color

172.8610, -42.0890, -2.6410

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1600, -15.1300, -1.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.8610, -42.0890, -2.6410 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(131, 186, 215)` looks like.

```
.text, #text, p{  
    color:rgb(131, 186, 215)  
}
```

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(131, 186, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 186, 215) }
```

Border

The CSS property to change the border of an element to YIQ 172.8610, -42.0890, -2.6410 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(131, 186, 215) }
```


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

```
.border{ border-color:rgb(131, 186, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 186, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 186, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 186, 215);  
box-shadow:4px 4px 4px 4px rgb(131, 186,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 172.8610, -42.0890, -2.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 186, 215) }
```

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

```
.background{ background-color: rgb(131,  
186, 215) }
```

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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