

Converting Colors

YIQ(138.7400, -75.4210,
-4.2930)

Have a look what the booklet for
YIQ(138.7400, -75.4210, -4.2930)
contains.

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Color

**YIQ(138.7400, -75.4210,
-4.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	40A2D7
RGB	64, 162, 215
RGB Percent	25%, 64%, 84%
CMY	0.7492, 0.3645, 0.1572
CMYK	0.70, 0.25, 0.00, 0.16
HSL	201°, 65%, 55%
HSV	201°, 70%, 84%
XYZ	27.2932, 31.8453, 68.9398
YIQ	138.7400, -75.4210, -4.2930

Conversions

Conversions Part 2

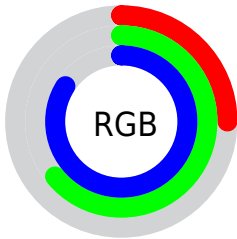
Format	Color
RYB	64, 123, 215
Decimal	4235991
CIELab	63.21, -11.57, -35.16
CIElCh	63, 37.017, 251.780
Yxy	31.8453, 0.2131, 0.2486
Android (android.graphics.Color)	4282426071 (0xFF40A2D7)
YUV	138.7400, 37.5962, -65.5470
Hunter-Lab	56.4317, -12.4237, -32.9295

Details

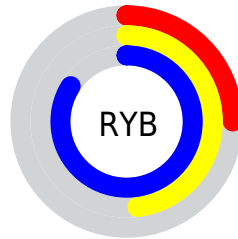
The YIQ color **138.7400, -75.4210, -4.2930** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **140.2600, 75.4210, 4.2930**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.0200, -64.6460, -6.8380**, and **82.8100, -81.6100, -7.7700** is the 20% darker color. If you saturate the color by 10%, you get **128.0530, -86.6080, -5.2960**, and if you desaturate by 10%, it is **149.7150, -65.1050, -4.0250**.

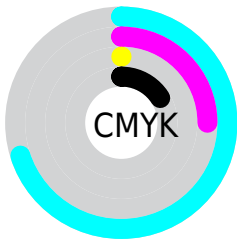
Distribution



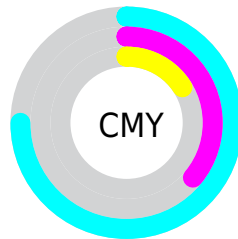
- Red (25%)
- Green (64%)
- Blue (84%)



- Red (25%)
- Yellow (48%)
- Blue (84%)



- Cyan (70%)
- Magenta (25%)
- Yellow (0%)
- Black (16%)



- Cyan (75%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7400, -75.4210, -4.2930 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 138.7400, -75.4210, -4.2930 by changing the saturation by 10% instead.

■ 138.7400,
-75.4210, -4.2930

■ 138.7400,
-75.4210, -4.2930

■ 255.0000, -0.0000,
-0.0000

■ 105.3360,
-89.0830, -10.0030

■ 195.0200,
-64.6460, -6.8380

■ 83.3970, -81.8850,
-8.2930

■ 220.4260,
-54.4660, -15.1220

■ 65.7580, -66.6640,
-3.3040

■ 235.2660,
-39.3360, -13.9920

■ 49.2930, -51.9930,
0.6390

■ 244.2360,
-21.4560, -7.6320

■ 33.5290, -37.9180,
4.3700

■ 253.2060, -3.5760,
-1.2720

■ 19.7540, -25.3100,
7.1540

■ 5.5060, -12.7480,

10.7720

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 138.7400,
-75.4210, -4.2930

■ 138.7400,
-75.4210, -4.2930

■ 128.0530,
-86.6080, -5.2960

■ 149.7150,
-65.1050, -4.0250

■ 117.0780,
-96.9240, -5.5640

■ 160.4020,
-53.9180, -3.0220

■ 106.6900,
-107.5150, -6.3550

■ 171.3770,
-43.6020, -2.7540

■ 182.0640,
-32.4150, -1.7510

■ 193.0390,
-22.0990, -1.4830

■ 203.7260,
-10.9120, -0.4800

■ 214.7010, -0.5960,
-0.2120

■ 225.3880, 10.5910,
0.7910

■ 235.7650, 19.7150,
0.6350

Harmonies

Analogous

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



120.9600, -109.1160, -26.9080



138.7400, -75.4210, -4.2930



151.6360, -36.3610, 14.7030

Triad

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



138.7400, -75.4210, -4.2930



155.5060, 49.1460, 23.4340



145.3850, -3.6630, -27.2390

Complementary

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



138.7400, -75.4210, -4.2930



140.2600, 75.4210, 4.2930

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.



149.3410, 26.0000, -19.6640



138.7400, -75.4210, -4.2930



153.8140, 53.5500, 9.6940

Square

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



138.7400, -75.4210, -4.2930



157.1420, 29.9800, 29.3720



152.0110, 45.0250, -6.5190



138.9540, -39.0580, -30.0500

Rectangle

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



138.7400, -75.4210, -4.2930



155.8950, -11.9250, 23.3950



152.0110, 45.0250, -6.5190



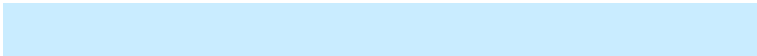
146.7130, 7.1570, -25.0910

Sweetspot

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



138.7400, -75.4210, -4.2930



227.7010, -26.9590, -1.5110



158.6790, -58.5380, -62.4900



111.3880, -15.7720, -0.5080



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.



138.7400, -75.4210, -4.2930



146.9890, -106.9190, -6.1430



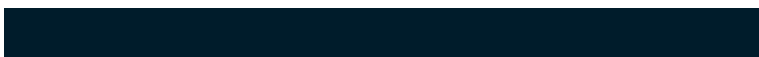
94.7150, -54.7960, 34.9320



101.3630, -5.4560, -0.2400



84.6510, -85.4160, -4.8720



21.3380, -21.5030, -1.2710

Inverse Universe

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



120.3210, 58.5380, 62.4900



120.8320, 82.9250, 88.5970



184.2850, 54.7960, -34.9320



100.0870, 4.3090, 4.5090



63.7830, 66.2850, 70.7730



16.0490, 16.6400, 17.8240

Previews

White Background



This preview shows how the YIQ color 138.7400, -75.4210, -4.2930 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 138.7400, -75.4210, -4.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

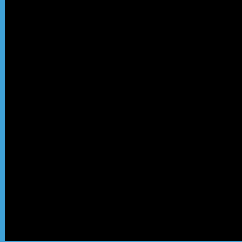
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 138.7400, -75.4210, -4.2930

Background



This preview shows how black text looks on a background with the YIQ color 138.7400, -75.4210, -4.2930.



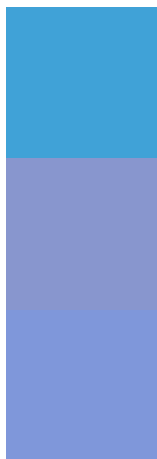
This preview shows how white text looks on a background with the YIQ color 138.7400, -75.4210, -4.2930.

-4.2930.

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

138.7400, -75.4210, -4.2930

Protanopia

152.1980, -26.3200, 14.4480

Deuteranopia

151.4620, -35.8110, 15.7490



Tritanopia

131.3240, -80.7820, -22.7820

Trichromacy



Original Color

138.7400, -75.4210, -4.2930

Protanomaly

147.1140, -43.8790, 7.7770

Deuteranomaly

146.8190, -50.2980, 8.4700

Tritanomaly

134.2090, -78.7200, -16.0960

Monochromacy



Original Color

138.7400, -75.4210, -4.2930

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.8150, -27.2800, -1.2000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7400, -75.4210, -4.2930 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(64, 162, 215)` looks like.

```
.text, #text, p{  
    color:rgb(64, 162, 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(64, 162, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 162, 215) }
```

Border

The CSS property to change the border of an element to YIQ 138.7400, -75.4210, -4.2930 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(64, 162, 215) }
```


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

```
.border{ border-color:rgb(64, 162, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 162, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 162, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 162, 215);  
box-shadow:4px 4px 4px 4px rgb(64, 162,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7400, -75.4210, -4.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 162, 215) }
```

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

```
.background{ background-color: rgb(64, 162,  
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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