

Converting Colors

YIQ(138.3150, -75.4220, 1.2340)

Have a look what the booklet for
YIQ(138.3150, -75.4220, 1.2340)
contains.

YIQ(138.3150, -75.4220, 1.2340)	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(138.3150, -75.4220,
1.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	439EE0
RGB	67, 158, 224
RGB Percent	26%, 62%, 88%
CMY	0.7374, 0.3802, 0.1219
CMYK	0.70, 0.29, 0.00, 0.12
HSL	205°, 72%, 57%
HSV	205°, 70%, 88%
XYZ	27.9875, 31.0355, 74.9728
YIQ	138.3150, -75.4220, 1.2340

Conversions

Conversions Part 2

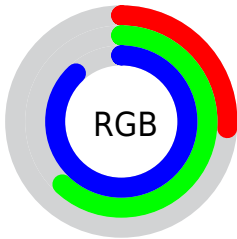
Format	Color
R _Y B	67, 125, 224
Decimal	4431584
CIE Lab	62.54, -5.88, -41.20
CIE LCh	63, 41.616, 261.876
Yxy	31.0355, 0.2089, 0.2316
Android (android.graphics.Color)	4282621664 (0xFF439EE0)
YUV	138.3150, 42.2427, -62.5433
Hunter-Lab	55.7095, -7.8163, -40.7947

Details

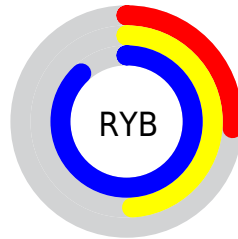
The YIQ color **138.3150, -75.4220, 1.2340** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **152.6850, 75.4220, -1.2340**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.9820, -61.4830, -3.5870**, and **81.9610, -83.3530, -3.7130** is the 20% darker color. If you saturate the color by 10%, you get **126.4540, -86.0590, 1.2770**, and if you desaturate by 10%, it is **150.1760, -64.7850, 1.1910**.

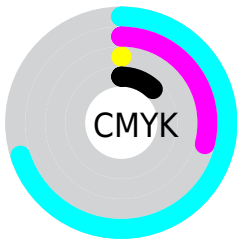
Distribution



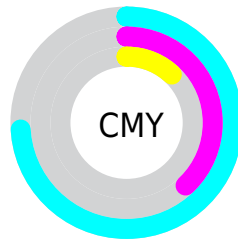
- Red (26%)
- Green (62%)
- Blue (88%)



- Red (26%)
- Yellow (49%)
- Blue (88%)



- Cyan (70%)
- Magenta (29%)
- Yellow (0%)
- Black (12%)



- Cyan (74%)
- Magenta (38%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.3150, -75.4220, 1.2340 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 138.3150, -75.4220, 1.2340 by changing the saturation by 10% instead.

■ 138.3150,
-75.4220, 1.2340

■ 138.3150,
-75.4220, 1.2340

■ 255.0000, -0.0000,
-0.0000

■ 105.5090,
-87.8920, -4.0520

■ 192.9820,
-61.4830, -3.5870

■ 81.9610, -83.3530,
-3.7130

■ 218.9750,
-51.5780, -12.3940

■ 64.9090, -68.4070,
0.7530

■ 236.1630,
-37.5480, -13.3560

■ 48.4440, -53.7360,
4.6960

■ 245.4320,
-19.0720, -6.7840

■ 33.2670, -39.9360,
7.9040

■ 254.4020, -1.1920,
-0.4240

■ 18.7910, -26.7320,
10.9000

■ 6.7770, -14.9490,

12.1150

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 138.3150,
-75.4220, 1.2340

■ 138.3150,
-75.4220, 1.2340

■ 126.4540,
-86.0590, 1.2770

■ 150.1760,
-64.7850, 1.1910

■ 113.7070,
-97.0170, 1.6310

■ 162.9230,
-53.8270, 0.8370

■ 101.8460,
-107.6540, 1.6740

■ 174.7840,
-43.1900, 0.7940

■ 187.5310,
-32.2320, 0.4400

■ 199.3920,
-21.5950, 0.3970

■ 211.2530,
-10.9580, 0.3540

■ 224.0000, -0.0000,
0.0000

■ 235.8610, 10.6370,
-0.0430

■ 244.4220, 13.2510,
-3.3650

Harmonies

Analogous

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



121.1540, -112.4180, -22.1300



138.3150, -75.4220, 1.2340



151.7560, -27.6510, 22.0530

Triad

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



138.3150, -75.4220, 1.2340



152.9430, 58.0410, 21.9210



140.3940, -17.0500, -32.4260

Complementary

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



138.3150, -75.4220, 1.2340



152.6850, 75.4220, -1.2340

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.



145.3460, 18.4360, -25.7560



138.3150, -75.4220, 1.2340



150.6910, 58.0900, 4.5060

Square

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



138.3150, -75.4220, 1.2340



154.4810, 42.2670, 32.4670



149.1970, 44.2010, -13.6150



128.3080, -66.6580, -36.4660

Rectangle

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



138.3150, -75.4220, 1.2340



155.3420, 0.1780, 29.8260



149.1970, 44.2010, -13.6150



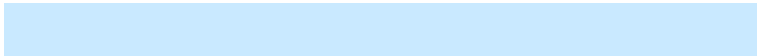
142.0920, -4.3960, -30.4760

Sweetspot

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



138.3150, -75.4220, 1.2340



225.9400, -26.1340, 0.0580



166.5690, -64.0400, -61.8960



110.2140, -15.2220, 0.5380



0.0000, 0.0000, 0.0000



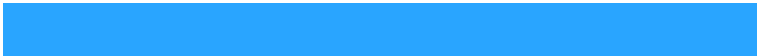
128.0000, -0.0000, -0.0000

Same Dimension

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



138.3150, -75.4220, 1.2340



138.1840, -102.7940, 1.7020



92.5290, -53.9720, 42.0280



105.7760, -5.1810, 0.2830



79.9380, -84.5460, 1.3900



21.9080, -23.1080, 0.2840

Inverse Universe

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



124.3170, 64.3610, 61.5850



119.1220, 87.7400, 83.9320



198.4710, 53.9720, -42.0280



104.9730, 4.6300, 4.1980



64.2520, 72.1540, 69.0340



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 138.3150, -75.4220, 1.2340 looks on a white background.

Color Contrast Check

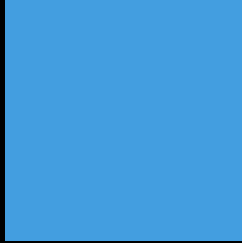
Large Text (above 18pt) WCAG AA × Fail

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 138.3150, -75.4220, 1.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

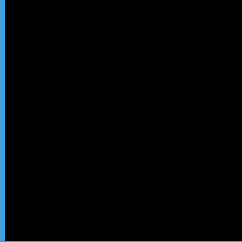
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

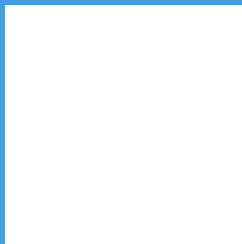
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 138.3150, -75.4220, 1.2340

Background



This preview shows how black text looks on a background with the YIQ color 138.3150, -75.4220, 1.2340.

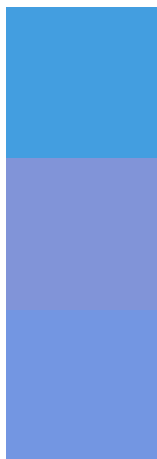


This preview shows how white text looks on a background with the YIQ color 138.3150, -75.4220,

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

138.3150, -75.4220, 1.2340

Protanopia

150.0710, -33.1520, 17.1200

Deuteranopia

148.1990, -45.2560, 16.2160



Tritanopia

127.8290, -83.7620, -23.8420

Trichromacy



Original Color

138.3150, -75.4220, 1.2340

Protanomaly

145.8840, -48.9230, 11.0850

Deuteranomaly

144.7630, -55.8920, 10.7320

Tritanomaly

131.4800, -80.9210, -14.7530

Monochromacy



Original Color

138.3150, -75.4220, 1.2340

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.8690, -27.3720, 0.4680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.3150, -75.4220, 1.2340 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(67, 158, 224)` looks like.

```
.text, #text, p{  
    color:rgb(67, 158, 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(67, 158, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 158, 224) }
```

Border

The CSS property to change the border of an element to YIQ 138.3150, -75.4220, 1.2340 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(67, 158, 224) }
```


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

```
.border{ border-color:rgb(67, 158, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 158, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 158, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 158, 224);  
box-shadow:4px 4px 4px 4px rgb(67, 158,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 138.3150, -75.4220, 1.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 158, 224) }
```

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

```
.background{ background-color: rgb(67, 158,  
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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