

Converting Colors

YIQ(138.6580, -68.9580, 5.2340)

Have a look what the booklet for
YIQ(138.6580, -68.9580, 5.2340)
contains.

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Color

**YIQ(138.6580, -68.9580,
5.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9AE0
RGB	76, 154, 224
RGB Percent	30%, 60%, 88%
CMY	0.7021, 0.3959, 0.1219
CMYK	0.66, 0.31, 0.00, 0.12
HSL	208°, 70%, 59%
HSV	208°, 66%, 88%
XYZ	27.9819, 30.0344, 74.7840
YIQ	138.6580, -68.9580, 5.2340

Conversions

Conversions Part 2

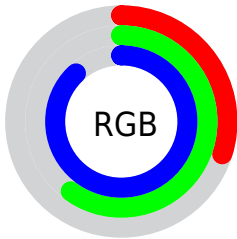
Format	Color
R _Y B	76, 127, 224
Decimal	5020384
CIE Lab	61.68, -2.22, -42.52
CIE LCh	62, 42.580, 267.007
Yxy	30.0344, 0.2107, 0.2262
Android (android.graphics.Color)	4283210464 (0xFF4C9AE0)
YUV	138.6580, 42.0736, -54.9511
Hunter-Lab	54.8036, -4.7671, -42.5434

Details

The YIQ color **138.6580, -68.9580, 5.2340** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **161.3420, 68.9580, -5.2340**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.4280, -56.8070, -0.2230**, and **79.6130, -82.2530, -1.6210** is the 20% darker color. If you saturate the color by 10%, you get **125.6230, -79.0450, 6.3230**, and if you desaturate by 10%, it is **151.6930, -58.8710, 4.1450**.

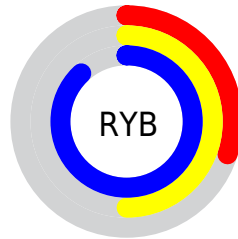
Distribution



Red (30%)

Green (60%)

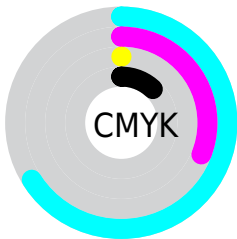
Blue (88%)



Red (30%)

Yellow (50%)

Blue (88%)

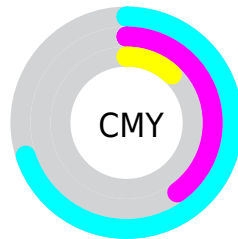


Cyan (66%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (70%)

Magenta (40%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.6580, -68.9580, 5.2340 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 138.6580, -68.9580, 5.2340 by changing the saturation by 10% instead.

■ 138.6580,
-68.9580, 5.2340

■ 138.6580,
-68.9580, 5.2340

■ 255.0000, -0.0000,
-0.0000

■ 108.5430,
-76.0640, 1.8560

■ 192.4280,
-56.8070, -0.2230

■ 79.6130, -82.2530,
-1.6210

■ 217.8340,
-46.6270, -8.5070

■ 63.1480, -67.5820,
2.3220

■ 237.9570,
-33.9720, -12.0840

■ 46.6830, -52.9110,
6.2650

■ 246.9270,
-16.0920, -5.7240

■ 31.5060, -39.1110,
9.4730

■ 15.8560, -25.3570,
13.5150

■ 6.7770, -14.9490,

12.1150

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 138.6580,
-68.9580, 5.2340

■ 138.6580,
-68.9580, 5.2340

■ 125.6230,
-79.0450, 6.3230

■ 151.6930,
-58.8710, 4.1450

■ 112.8760,
-90.0030, 6.6770

■ 164.4400,
-47.9130, 3.7910

■ 99.8410,
-100.0900, 7.7660

■ 177.4750,
-37.8260, 2.7020

■ 94.8020,
-104.3540, 7.9500

■ 190.2220,
-26.8680, 2.3480

■ 203.2570,
-16.7810, 1.2590

■ 215.7050, -6.4190,
0.6930

■ 229.0390, 4.2640,
-0.1840

■ 242.0740, 14.3510,
-1.2730

■ 247.9440, 11.6010,
-6.5030

Harmonies

Analogous

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



119.7350, -112.5560, -19.6280



138.6580, -68.9580, 5.2340



151.0450, -21.0950, 24.3850

Triad

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



138.6580, -68.9580, 5.2340



150.1450, 60.2880, 19.7440



136.1480, -25.1650, -34.0370

Complementary

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



138.6580, -68.9580, 5.2340



161.3420, 68.9580, -5.2340

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.



142.5410, 13.3930, -27.9750



138.6580, -68.9580, 5.2340



148.3980, 57.3570, 1.2690

Square

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



138.6580, -68.9580, 5.2340



151.7050, 47.4480, 32.1840



146.2350, 41.0380, -16.8660



115.0320, -92.4240, -43.0800

Rectangle

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



138.6580, -68.9580, 5.2340



153.3320, 6.1380, 31.9460



146.2350, 41.0380, -16.8660



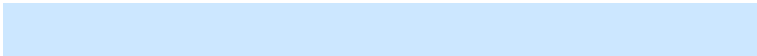
138.3300, -10.9980, -31.9740

Sweetspot

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



138.6580, -68.9580, 5.2340



225.6630, -23.7960, 1.7400



170.7420, -62.8490, -55.9450



109.9260, -14.3510, 1.2730



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.



138.6580, -68.9580, 5.2340



139.1360, -93.6710, 7.0730



95.8070, -48.8830, 43.4130



105.7760, -5.1810, 0.2830



74.6550, -82.0710, 6.0970



20.7340, -22.5580, 1.3300

Inverse Universe

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



129.1440, 63.1700, 55.6340



126.1830, 85.7700, 75.5780



204.1930, 48.8830, -43.4130



104.9730, 4.6300, 4.1980



63.2260, 75.0430, 66.2350



17.3160, 20.2620, 18.2620

Previews

White Background



This preview shows how the YIQ color 138.6580, -68.9580, 5.2340 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6580, -68.9580, 5.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

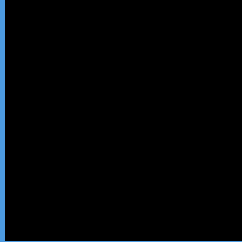
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 138.6580, -68.9580, 5.2340

Background



This preview shows how black text looks on a background with the YIQ color 138.6580, -68.9580, 5.2340.

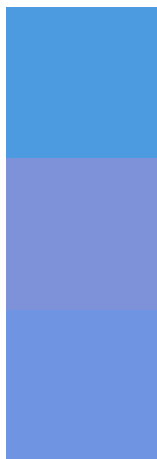


This preview shows how white text looks on a background with the YIQ color 138.6580, -68.9580, 5.2340.

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

138.6580, -68.9580, 5.2340

Protanopia

147.8150, -35.3070, 17.6290

Deuteranopia

145.7150, -46.7690, 16.1030



Tritanopia

130.2110, -73.0340, -20.0260

Trichromacy



Original Color

138.6580, -68.9580, 5.2340

Protanomaly

144.5360, -47.8230, 13.1770

Deuteranomaly

143.0020, -55.0670, 12.3010

Tritanomaly

133.3780, -71.7060, -11.0500

Monochromacy



Original Color

138.6580, -68.9580, 5.2340

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.5920, -25.0340, 2.1500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.6580, -68.9580, 5.2340 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(76, 154, 224)` looks like.

```
.text, #text, p{  
    color:rgb(76, 154, 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(76, 154, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 154, 224) }
```

Border

The CSS property to change the border of an element to YIQ 138.6580, -68.9580, 5.2340 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(76, 154, 224) }
```


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

```
.border{ border-color:rgb(76, 154, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 154, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 154, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 154, 224);  
box-shadow:4px 4px 4px 4px rgb(76, 154,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 138.6580, -68.9580, 5.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 154, 224) }
```

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

```
.background{ background-color: rgb(76, 154,  
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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