

Converting Colors

YIQ(138.5410, -64.5550,
-2.9790)

Have a look what the booklet for
YIQ(138.5410, -64.5550, -2.9790)
contains.

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Color

**YIQ(138.5410, -64.5550,
-2.9790)**

Conversions

Conversions Part 1	
Format	Color
Hex	4B9ECD
RGB	75, 158, 205
RGB Percent	29%, 62%, 80%
CMY	0.7060, 0.3802, 0.1964
CMYK	0.63, 0.23, 0.00, 0.20
HSL	202°, 56%, 55%
HSV	202°, 63%, 80%
XYZ	26.1416, 30.3640, 62.1934
YIQ	138.5410, -64.5550, -2.9790

Conversions

Conversions Part 2

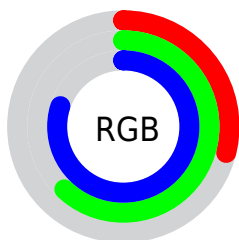
Format	Color
RYB	75, 126, 205
Decimal	4955853
CIELab	61.97, -10.90, -31.52
CIELCh	62, 33.349, 250.919
Yxy	30.3640, 0.2202, 0.2558
Android (android.graphics.Color)	4283145933 (0xFF4B9ECD)
YUV	138.5410, 32.7643, -55.7255
Hunter-Lab	55.1035, -11.7493, -28.3461

Details

The YIQ color **138.5410, -64.5550, -2.9790** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **141.4590, 64.5550, 2.9790**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.4660, -59.9700, -3.4740**, and **80.0230, -77.8960, -9.0000** is the 20% darker color. If you saturate the color by 10%, you get **128.1530, -75.1460, -3.7700**, and if you desaturate by 10%, it is **148.6300, -54.5600, -2.4000**.

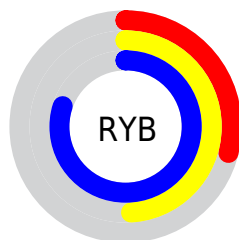
Distribution



Red (29%)

Green (62%)

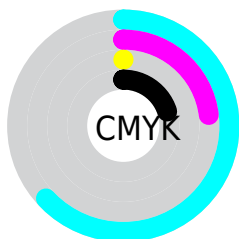
Blue (80%)



Red (29%)

Yellow (49%)

Blue (80%)

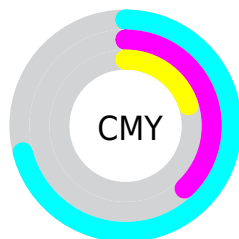


Cyan (63%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (71%)

Magenta (38%)

Yellow (20%)


Brightness & Saturation


Gradients


These gradients show how the YIQ color 138.5410, -64.5550, -2.9790 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 138.5410, -64.5550, -2.9790 by changing the saturation by 10% instead.


 138.5410,
-64.5550, -2.9790


 138.5410,
-64.5550, -2.9790


 255.0000, -0.0000,
-0.0000


 109.3230,
-69.8730, -5.7210


 194.4660,
-59.9700, -3.4740


 79.9090, -77.5750,
-9.3110


 219.5730,
-50.3860, -11.9700


 62.8570, -62.6290,
-4.8450


 236.7610,
-36.3560, -12.9320

 46.5060, -48.2790,
-0.5910

 245.7310,
-18.4760, -6.5720

 30.8560, -34.5250,
3.4510

 254.7010, -0.5960,
-0.2120

 15.9070, -21.3670,
7.2810

 4.5940, -10.1800,

8.2840

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 138.5410,
-64.5550, -2.9790

■ 138.5410,
-64.5550, -2.9790

■ 128.1530,
-75.1460, -3.7700

■ 148.6300,
-54.5600, -2.4000

■ 117.4770,
-84.8660, -3.8260


■ 159.6050,
-44.2440, -2.1320

■ 107.0890,
-95.4570, -4.6170

■ 169.6940,
-34.2490, -1.5530


■ 100.2670,
-101.8300, -4.7580

■ 180.6690,
-23.9330, -1.2850

 190.7580,
-13.9380, -0.7060

 201.1460, -3.3470,
0.0850

 211.8220, 6.3730,
0.1410

 222.2100, 16.9640,
0.9320

 231.6900, 24.3000,
0.1400

Harmonies

Analogous

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



127.1540, -86.0550, -20.8310



138.5410, -64.5550, -2.9790



148.4360, -32.9220, 12.9500

Triad

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



138.5410, -64.5550, -2.9790



152.4020, 43.5070, 21.0030



142.8630, -2.0130, -24.1010

Complementary

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



138.5410, -64.5550, -2.9790



141.4590, 64.5550, 2.9790

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.



146.5520, 24.0280, -16.9640



138.5410, -64.5550, -2.9790



150.9490, 48.7360, 8.8320

Square

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



138.5410, -64.5550, -2.9790



153.4080, 26.1750, 26.7430



149.0970, 41.9070, -5.0770



137.8840, -32.8690, -26.5730

Rectangle

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



138.5410, -64.5550, -2.9790



152.2000, -11.4660, 20.5820



149.0970, 41.9070, -5.0770



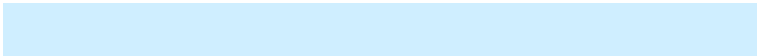
144.5930, 7.6150, -22.3770

Sweetspot

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



138.5410, -64.5550, -2.9790



230.6690, -23.9330, -1.2850



156.4400, -50.1950, -53.9950



112.5730, -14.8550, -0.6070



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.



138.5410, -64.5550, -2.9790



155.9040, -96.3740, -4.5180



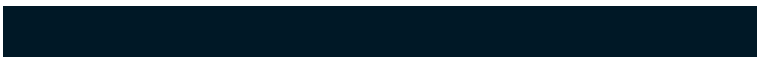
100.9730, -46.9550, 30.4930



96.6620, -4.8600, -0.0280



81.1460, -82.4360, -3.8120



18.4200, -18.7980, -0.7340

Inverse Universe

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



123.3320, 50.8370, 53.3730



133.1420, 75.8200, 79.6920



178.4400, 47.2300, -29.9700



95.6740, 4.0340, 3.9860



61.7180, 64.9100, 68.1580



14.0980, 14.9440, 15.5200

Previews

White Background



This preview shows how the YIQ color 138.5410, -64.5550, -2.9790 looks on a white background.

Color Contrast Check

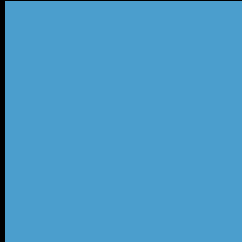
Large Text (above 18pt) WCAG AA × Fail

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 138.5410, -64.5550, -2.9790 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 138.5410, -64.5550, -2.9790

Background



This preview shows how black text looks on a background with the YIQ color 138.5410, -64.5550, -2.9790.

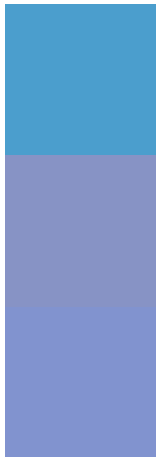


This preview shows how white text looks on a background with the YIQ color 138.5410, -64.5550,

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

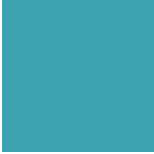
138.5410, -64.5550, -2.9790

Protanopia

149.1120, -23.2020, 13.0060

Deuteranopia

148.4580, -29.9880, 14.8440



Tritanopia

133.9840, -64.9650, -17.5810

Trichromacy



Original Color
138.5410, -64.5550, -2.9790

Protanomaly
145.2240, -38.3770, 7.1830

Deuteranomaly
144.7120, -42.6870, 8.2010

Tritanomaly
135.5590, -64.9660, -12.0540

Monochromacy



Original Color
138.5410, -64.5550, -2.9790

Achromatopsia
139.0000, -0.0000, 0.0000

Achromatomaly
138.9680, -23.3370, -1.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.5410, -64.5550, -2.9790 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(75, 158, 205)` looks like.

```
.text, #text, p{  
    color:rgb(75, 158, 205)  
}
```

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(75, 158, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 158, 205) }
```

Border

The CSS property to change the border of an element to YIQ 138.5410, -64.5550, -2.9790 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(75, 158, 205) }
```


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

```
.border{ border-color:rgb(75, 158, 205) }
```

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

Here you see how a box with a 4 pixel rgb(75, 158, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 158, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 158, 205);  
box-shadow:4px 4px 4px 4px rgb(75, 158,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 138.5410, -64.5550, -2.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 158, 205) }
```

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

```
.background{ background-color: rgb(75, 158,  
205) }
```

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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