

Converting Colors

YIQ(122.9690, -68.6360,
-0.6040)

Have a look what the booklet for
YIQ(122.9690, -68.6360, -0.6040)
contains.

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Color

**YIQ(122.9690, -68.6360,
-0.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	398EC6
RGB	57, 142, 198
RGB Percent	22%, 56%, 78%
CMY	0.7766, 0.4430, 0.2238
CMYK	0.71, 0.28, 0.00, 0.22
HSL	204°, 55%, 50%
HSV	204°, 71%, 78%
XYZ	21.5470, 24.2988, 56.9319
YIQ	122.9690, -68.6360, -0.6040

Conversions

Conversions Part 2

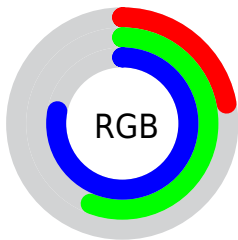
Format	Color
R_{YB}	57, 110, 198
Decimal	3772102
CIE _{Lab}	56.39, -7.13, -36.32
CIE _{LCh}	56, 37.016, 258.888
Yxy	24.2988, 0.2096, 0.2364
Android (android.graphics.Color)	4281962182 (0xFF398EC6)
YUV	122.9690, 36.9903, -57.8548
Hunter-Lab	49.2938, -8.2393, -33.9713

Details

The YIQ color **122.9690, -68.6360, -0.6040** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **132.0310, 68.6360, 0.6040**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.3010, -63.6390, 2.4490**, and **70.4200, -71.5240, -3.3320** is the 20% darker color. If you saturate the color by 10%, you get **112.2930, -78.3560, -0.6600**, and if you desaturate by 10%, it is **133.6450, -58.9160, -0.5480**.

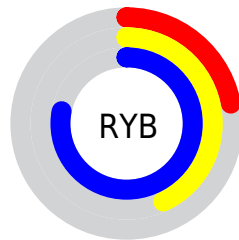
Distribution



Red (22%)

Green (56%)

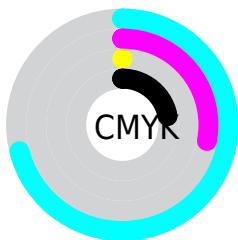
Blue (78%)



Red (22%)

Yellow (43%)

Blue (78%)

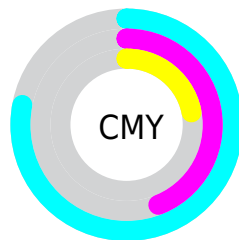


Cyan (71%)

Magenta (28%)

Yellow (0%)

Black (22%)



Cyan (78%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.9690, -68.6360, -0.6040 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 122.9690, -68.6360, -0.6040 by changing the saturation by 10% instead.

■ 122.9690,
-68.6360, -0.6040

■ 122.9690,
-68.6360, -0.6040

■ 255.0000, -0.0000,
-0.0000

■ 88.6570, -85.5530,
-7.8970

■ 180.0020,
-64.2350, 2.2370

■ 70.4200, -71.5240,
-3.3320

■ 204.8210,
-53.7800, -5.5240

■ 53.9550, -56.8530,
0.6110

■ 230.8140,
-43.8750, -14.3310

■ 38.1910, -42.7780,
4.3420

■ 241.2460,
-27.4160, -9.7520

■ 23.7150, -29.5740,
7.3380

■ 250.2160, -9.5360,
-3.3920

■ 7.5920, -15.8660,
12.2140

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 122.9690,
-68.6360, -0.6040

■ 122.9690,
-68.6360, -0.6040

■ 112.2930,
-78.3560, -0.6600

■ 133.6450,
-58.9160, -0.5480

■ 101.6170,
-88.0760, -0.7160

■ 144.3210,
-49.1960, -0.4920

■ 92.4250, -96.2830,
-0.6590

■ 154.6980,
-40.0720, -0.6480

■ 164.7870,
-30.0770, -0.0690

■ 175.4630,
-20.3570, -0.0130

■ 186.1390,
-10.6370, 0.0430

■ 196.8150, -0.9170,
0.0990

■ 207.1920, 8.2070,
-0.0570

■ 217.8680, 17.9270,
-0.0010

Harmonies

Analogous

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



108.3250, -99.7180, -21.0140



122.9690, -68.6360, -0.6040



135.1210, -27.4210, 17.8830

Triad

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



122.9690, -68.6360, -0.6040



136.6970, 49.9260, 20.3100



126.0790, -11.5490, -27.4930

Complementary

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



122.9690, -68.6360, -0.6040



132.0310, 68.6360, 0.6040

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.



130.8670, 18.5270, -21.8970



122.9690, -68.6360, -0.6040



135.5100, 51.3500, 5.5100

Square

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



122.9690, -68.6360, -0.6040



138.3660, 35.1610, 29.0890



133.4510, 40.6700, -10.1940



117.4950, -50.8870, -30.4310

Rectangle

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



122.9690, -68.6360, -0.6040



138.4400, -3.2140, 25.2180



133.4510, 40.6700, -10.1940



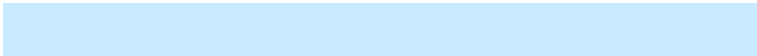
127.8800, -0.6830, -26.1790

Sweetspot

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



122.9690, -68.6360, -0.6040



226.5270, -26.4090, -0.4650



145.9230, -56.1090, -56.9490



110.8010, -15.4970, 0.0150



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.



122.9690, -68.6360, -0.6040



139.6350, -105.6820, -1.0260



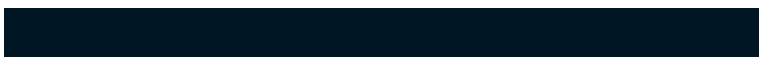
82.4660, -49.6610, 35.4830



94.5480, -4.5390, -0.3390



76.1080, -79.2730, -0.5610



17.0180, -17.6060, -0.3100

Inverse Universe

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



108.8490, 56.7510, 56.3270



117.8170, 87.2810, 86.7450



171.9470, 49.9360, -34.9600



93.3750, 3.4380, 3.7740



59.9090, 65.6900, 65.0340



13.2720, 14.3940, 14.4740

Previews

White Background



This preview shows how the YIQ color 122.9690, -68.6360, -0.6040 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 122.9690, -68.6360, -0.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

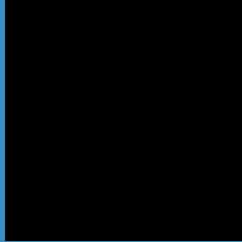
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.9690, -68.6360, -0.6040

Background



This preview shows how black text looks on a background with the YIQ color 122.9690, -68.6360, -0.6040.



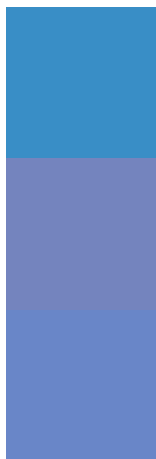
This preview shows how white text looks on a background with the YIQ color 122.9690, -68.6360, -0.6040.

-0.6040.

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

122.9690, -68.6360, -0.6040

Protanopia

133.8280, -28.1540, 14.6460

Deuteranopia

132.8530, -38.4700, 14.3780



Tritanopia

113.5910, -77.1600, -22.3440

Trichromacy



Original Color

122.9690, -68.6360, -0.6040

Protanomaly

130.2390, -42.7330, 9.0350

Deuteranomaly

129.4170, -49.1060, 8.8940

Tritanomaly

116.6010, -73.9520, -14.4000

Monochromacy



Original Color

122.9690, -68.6360, -0.6040

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0110, -24.8960, -0.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9690, -68.6360, -0.6040 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(57, 142, 198)` looks like.

```
.text, #text, p{  
    color:rgb(57, 142, 198)  
}
```

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(57, 142, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 142, 198) }
```

Border

The CSS property to change the border of an element to YIQ 122.9690, -68.6360, -0.6040 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(57, 142, 198) }
```


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

```
.border{ border-color:rgb(57, 142, 198) }
```

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

Here you see how a box with a 4 pixel rgb(57, 142, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 142, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 142, 198);  
box-shadow:4px 4px 4px 4px rgb(57, 142,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9690, -68.6360, -0.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 142, 198) }
```

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

```
.background{ background-color: rgb(57, 142,  
198) }
```

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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