

Converting Colors

YIQ(121.8450, -62.3550, 1.2050)

Have a look what the booklet for
YIQ(121.8450, -62.3550, 1.2050)
contains.

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Color

**YIQ(121.8450, -62.3550,
1.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8AC1
RGB	63, 138, 193
RGB Percent	25%, 54%, 76%
CMY	0.7531, 0.4587, 0.2434
CMYK	0.67, 0.28, 0.00, 0.24
HSL	205°, 51%, 50%
HSV	205°, 67%, 76%
XYZ	20.7580, 23.0886, 53.7713
YIQ	121.8450, -62.3550, 1.2050

Conversions

Conversions Part 2

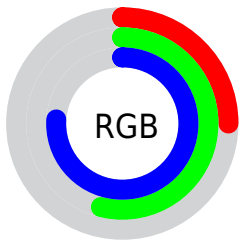
Format	Color
R _Y B	63, 111, 193
Decimal	4164289
CIE Lab	55.16, -5.63, -35.39
CIE LCh	55, 35.836, 260.956
Yxy	23.0886, 0.2126, 0.2365
Android (android.graphics.Color)	4282354369 (0xFF3F8AC1)
YUV	121.8450, 35.0794, -51.6071
Hunter-Lab	48.0506, -6.9760, -32.7135

Details

The YIQ color **121.8450, -62.3550, 1.2050** 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 **134.1550, 62.3550, -1.2050**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **177.6930, -58.8710, 4.1450**, and **67.5020, -68.8190, -2.7950** is the 20% darker color. If you saturate the color by 10%, you get **111.4680, -71.4790, 1.3610**, and if you desaturate by 10%, it is **132.2220, -53.2310, 1.0490**.

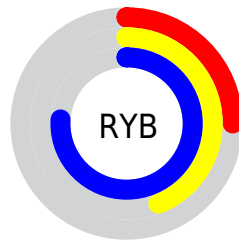
Distribution



Red (25%)

Green (54%)

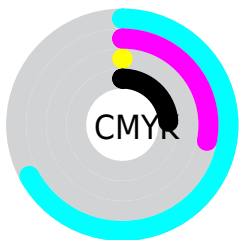
Blue (76%)



Red (25%)

Yellow (44%)

Blue (76%)

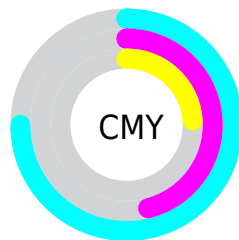


Cyan (67%)

Magenta (28%)

Yellow (0%)

Black (24%)



Cyan (75%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8450, -62.3550, 1.2050 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 121.8450, -62.3550, 1.2050 by changing the saturation by 10% instead.

■ 121.8450,
-62.3550, 1.2050

■ 121.8450,
-62.3550, 1.2050

■ 255.0000, -0.0000,
-0.0000

■ 91.8330, -71.2490,
-2.8090

■ 177.6930,
-58.8710, 4.1450

■ 67.5020, -68.8190,
-2.7950

■ 203.3700,
-50.8920, -2.7960

■ 51.0370, -54.1480,
1.1480

■ 229.0640,
-41.5830, -11.8150

■ 35.3870, -40.3940,
5.1900

■ 242.1430,
-25.6280, -9.1160

■ 21.4980, -27.4650,
7.6630

■ 251.1130, -7.7480,
-2.7560

■ 6.5490, -14.3070,
11.4930

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 121.8450,
-62.3550, 1.2050

■ 121.8450,
-62.3550, 1.2050

■ 111.4680,
-71.4790, 1.3610

■ 132.2220,
-53.2310, 1.0490

■ 100.7920,
-81.1990, 1.3050

■ 142.8980,
-43.5110, 1.1050

■ 90.4150, -90.3230,
1.4610

■ 153.2750,
-34.3870, 0.9490

■ 87.1590, -92.4780,
1.9700

■ 164.2390,
-25.5380, 0.2700

■ 174.6160,
-16.4140, 0.1140

■ 185.2920, -6.6940,
0.1700

■ 195.6690, 2.4300,
0.0140

■ 206.0460, 11.5540,
-0.1420

■ 216.7220, 21.2740,
-0.0860

Harmonies

Analogous

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



105.5210, -97.3340, -20.1660



121.8450, -62.3550, 1.2050



132.9750, -24.0740, 17.7980

Triad

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



121.8450, -62.3550, 1.2050



133.4580, 49.1010, 18.7410



123.1220, -13.1080, -26.7720

Complementary

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



121.8450, -62.3550, 1.2050



134.1550, 62.3550, -1.2050

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.



127.6110, 16.3720, -21.3880



121.8450, -62.3550, 1.2050



132.2000, 49.2870, 4.3510

Square

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



121.8450, -62.3550, 1.2050



135.3120, 35.2530, 27.4210



130.3690, 37.9650, -10.7310



114.7230, -51.5290, -29.8090

Rectangle

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



121.8450, -62.3550, 1.2050



135.6960, -1.0590, 24.7090



130.3690, 37.9650, -10.7310



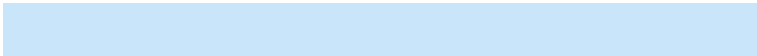
124.9230, -2.2420, -25.4580

Sweetspot

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



121.8450, -62.3550, 1.2050



222.7230, -24.0250, 0.3830



145.4660, -53.0840, -51.1960



108.3990, -14.3050, 0.4390



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



121.8450, -62.3550, 1.2050



138.8210, -97.3380, 1.9420



84.2770, -44.7550, 34.6770



91.6620, -4.8600, -0.0280



72.9450, -77.2560, 1.4320



14.9150, -15.8180, 0.3260

Inverse Universe

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



110.4200, 53.4050, 50.8850



121.0350, 83.4310, 79.4230



171.7230, 44.7550, -34.6770



90.6740, 4.0340, 3.9860



58.7410, 66.1030, 63.0550



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 121.8450, -62.3550, 1.2050 looks on a white background.

Color Contrast Check

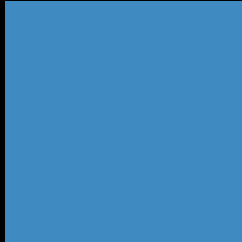
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8450, -62.3550, 1.2050 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

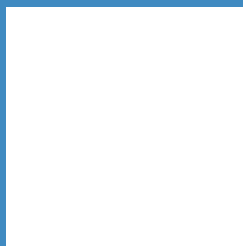
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.8450, -62.3550, 1.2050

Background



This preview shows how black text looks on a background with the YIQ color 121.8450, -62.3550, 1.2050.

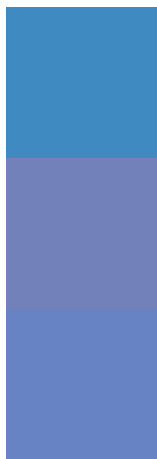


This preview shows how white text looks on a background with the YIQ color 121.8450, -62.3550,

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

121.8450, -62.3550, 1.2050

Protanopia

131.0130, -27.2370, 14.5470

Deuteranopia

130.2230, -36.6360, 14.1800



Tritanopia

114.9730, -66.4320, -18.5280

Trichromacy



Original Color

121.8450, -62.3550, 1.2050

Protanomaly

127.4350, -40.3490, 9.8830

Deuteranomaly

127.3850, -46.0800, 9.1200

Tritanomaly

117.0860, -65.0120, -11.2200

Monochromacy



Original Color

121.8450, -62.3550, 1.2050

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.2070, -22.5120, 0.4960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8450, -62.3550, 1.2050 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(63, 138, 193)` looks like.

```
.text, #text, p{  
    color:rgb(63, 138, 193)  
}
```

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(63, 138, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 138, 193) }
```

Border

The CSS property to change the border of an element to YIQ 121.8450, -62.3550, 1.2050 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(63, 138, 193) }
```


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

```
.border{ border-color:rgb(63, 138, 193) }
```

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

Here you see how a box with a 4 pixel rgb(63, 138, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 138, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 138, 193);  
box-shadow:4px 4px 4px 4px rgb(63, 138,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8450, -62.3550, 1.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 138, 193) }
```

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

```
.background{ background-color: rgb(63, 138,  
193) }
```

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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