

Converting Colors

YIQ(131.7690, -65.1970,
-2.3570)

Have a look what the booklet for
YIQ(131.7690, -65.1970, -2.3570)
contains.

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Color

**YIQ(131.7690, -65.1970,
-2.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	4497C8
RGB	68, 151, 200
RGB Percent	27%, 59%, 78%
CMY	0.7335, 0.4077, 0.2160
CMYK	0.66, 0.24, 0.00, 0.22
HSL	202°, 55%, 53%
HSV	202°, 66%, 78%
XYZ	23.8697, 27.5385, 58.6546
YIQ	131.7690, -65.1970, -2.3570

Conversions

Conversions Part 2

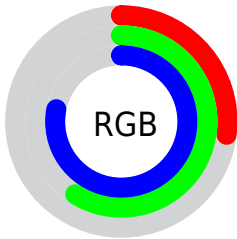
Format	Color
R _Y B	68, 119, 200
Decimal	4495304
CIE Lab	59.47, -9.84, -32.61
CIE LCh	59, 34.067, 253.206
Yxy	27.5385, 0.2169, 0.2502
Android (android.graphics.Color)	4282685384 (0xFF4497C8)
YUV	131.7690, 33.6379, -55.9254
Hunter-Lab	52.4771, -10.6428, -29.5355

Details

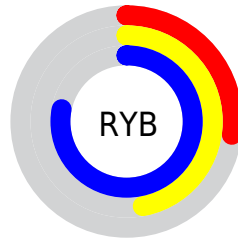
The YIQ color **131.7690, -65.1970, -2.3570** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **136.2310, 65.1970, 2.3570**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.9760, -61.3460, -0.5620**, and **75.3440, -74.3660, -6.8940** is the 20% darker color. If you saturate the color by 10%, you get **121.6800, -75.1920, -2.9360**, and if you desaturate by 10%, it is **141.8580, -55.2020, -1.7780**.

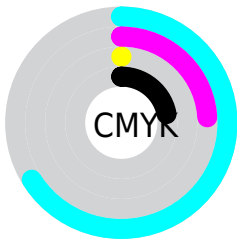
Distribution



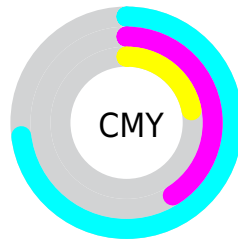
- Red (27%)
- Green (59%)
- Blue (78%)



- Red (27%)
- Yellow (47%)
- Blue (78%)



- Cyan (66%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (73%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.7690, -65.1970, -2.3570 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 131.7690, -65.1970, -2.3570 by changing the saturation by 10% instead.

■ 131.7690,
-65.1970, -2.3570

■ 131.7690,
-65.1970, -2.3570

■ 255.0000, -0.0000,
-0.0000

■ 101.6540,
-72.3030, -5.7350

■ 187.9760,
-61.3460, -0.5620

■ 75.3440, -74.3660,
-6.8940

■ 213.0830,
-51.7620, -9.0580

■ 58.2920, -59.4200,
-2.4280

■ 234.9670,
-39.9320, -14.2040

■ 42.5280, -45.3450,
1.3030

■ 243.6380,
-22.6480, -8.0560

■ 27.4650, -31.8660,
4.8220

■ 252.6080, -4.7680,
-1.6960

■ 7.8200, -16.5080,
12.8360

■ 3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 131.7690,
-65.1970, -2.3570

■ 131.7690,
-65.1970, -2.3570

■ 121.6800,
-75.1920, -2.9360

■ 141.8580,
-55.2020, -1.7780

■ 111.0040,
-84.9120, -2.9920

■ 152.5340,
-45.4820, -1.7220

■ 100.9150,
-94.9070, -3.5710

■ 162.6230,
-35.4870, -1.1430

■ 96.7620, -98.8500,
-3.6980

■ 173.2990,
-25.7670, -1.0870

■ 183.3880,
-15.7720, -0.5080

■ 193.4770, -5.7770,
0.0710

■ 204.1530, 3.9430,
0.1270

■ 214.2420, 13.9380,
0.7060

■ 224.9180, 23.6580,
0.7620

Harmonies

Analogous

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



113.0210, -101.9180, -25.1980



131.7690, -65.1970, -2.3570



142.4470, -31.4550, 13.8970

Triad

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



131.7690, -65.1970, -2.3570



145.7720, 45.3410, 20.8050



135.6670, -4.3970, -24.9490

Complementary

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



131.7690, -65.1970, -2.3570



136.2310, 65.1970, 2.3570

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.



140.1280, 22.2860, -18.4340



131.7690, -65.1970, -2.3570



144.4220, 48.7820, 7.9980

Square

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



131.7690, -65.1970, -2.3570



147.0770, 28.6050, 26.7570



142.5590, 40.4860, -6.8580



130.3180, -37.0870, -27.2230

Rectangle

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



131.7690, -65.1970, -2.3570



145.8090, -8.8070, 21.9530



142.5590, 40.4860, -6.8580



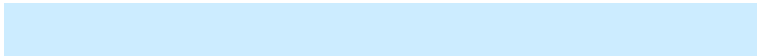
137.3970, 5.2310, -23.2250

Sweetspot

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



131.7690, -65.1970, -2.3570



228.5980, -25.1710, -0.8750



150.9560, -51.7080, -54.1080



111.6870, -15.1760, -0.2960



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.



131.7690, -65.1970, -2.3570



150.8760, -99.1710, -3.3870



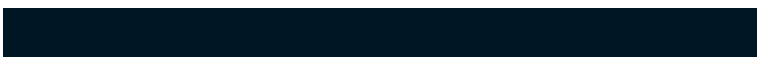
93.6140, -47.3220, 31.6380



94.5480, -4.5390, -0.3390



79.0430, -80.6480, -3.1760



17.0180, -17.6060, -0.3100

Inverse Universe

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



116.9300, 52.0290, 53.7970



128.4630, 79.3500, 81.7980



174.3860, 47.3220, -31.6380



93.3750, 3.4380, 3.7740



60.4790, 64.0850, 66.5890



13.2720, 14.3940, 14.4740

Previews

White Background



This preview shows how the YIQ color 131.7690, -65.1970, -2.3570 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 131.7690, -65.1970, -2.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

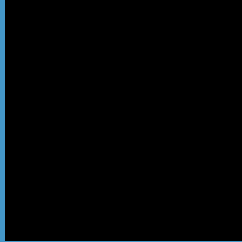
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.7690, -65.1970, -2.3570

Background



This preview shows how black text looks on a background with the YIQ color 131.7690, -65.1970, -2.3570.



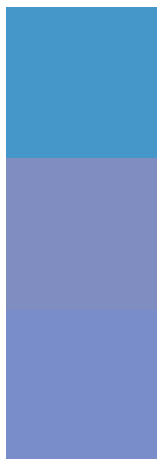
This preview shows how white text looks on a background with the YIQ color 131.7690, -65.1970, -2.3570.

-2.3570.

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

131.7690, -65.1970, -2.3570

Protanopia

142.9270, -24.1190, 13.1050

Deuteranopia

141.6750, -32.0970, 14.5190



Tritanopia

126.3750, -67.6240, -18.9520

Trichromacy



Original Color

131.7690, -65.1970, -2.3570

Protanomaly

139.0390, -39.2940, 7.2820

Deuteranomaly

138.2280, -44.2000, 8.0880

Tritanomaly

128.5480, -66.4330, -13.0010

Monochromacy



Original Color

131.7690, -65.1970, -2.3570

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.0820, -23.6580, -0.7620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.7690, -65.1970, -2.3570 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(68, 151, 200)` looks like.

```
.text, #text, p{  
    color:rgb(68, 151, 200)  
}
```

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(68, 151, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 151, 200) }
```

Border

The CSS property to change the border of an element to YIQ 131.7690, -65.1970, -2.3570 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(68, 151, 200) }
```


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

```
.border{ border-color:rgb(68, 151, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 151, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 151, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 151, 200);  
box-shadow:4px 4px 4px 4px rgb(68, 151,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 131.7690, -65.1970, -2.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 151, 200) }
```

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

```
.background{ background-color: rgb(68, 151,  
200) }
```

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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