

Converting Colors

YIQ(199.5440, -15.9110, 7.5210)

Have a look what the booklet for
YIQ(199.5440, -15.9110, 7.5210)
contains.

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Color

**YIQ(199.5440, -15.9110,
7.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC7E6
RGB	189, 199, 230
RGB Percent	74%, 78%, 90%
CMY	0.2588, 0.2196, 0.0981
CMYK	0.18, 0.13, 0.00, 0.10
HSL	225°, 45%, 82%
HSV	225°, 18%, 90%
XYZ	55.6902, 57.3794, 82.9867
YIQ	199.5440, -15.9110, 7.5210

Conversions

Conversions Part 2

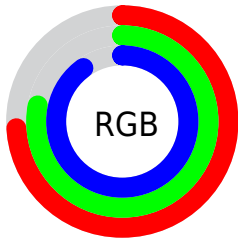
Format	Color
RYB	189, 197, 230
Decimal	12437478
CIELab	80.39, 2.91, -16.50
CIELCh	80, 16.749, 279.995
Yxy	57.3794, 0.2841, 0.2927
Android (android.graphics.Color)	4290627558 (0xFFBDC7E6)
YUV	199.5440, 15.0148, -9.2471
Hunter-Lab	75.7492, -1.3293, -11.9305

Details

The YIQ color $199.5440, -15.9110, 7.5210$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $219.4560, 15.9110, -7.5210$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, -5.3640, -1.9080$, and $145.3160, -15.2690, 6.8990$ is the 20% darker color. If you saturate the color by 10%, you get $182.6880, -24.9440, 11.5360$, and if you desaturate by 10%, it is $216.4000, -6.8780, 3.5060$.

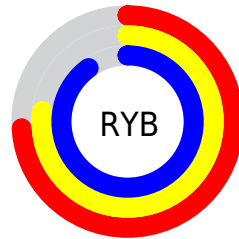
Distribution



Red (74%)

Green (78%)

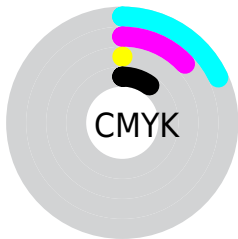
Blue (90%)



Red (74%)

Yellow (77%)

Blue (90%)

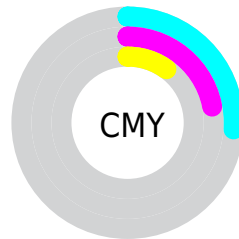


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (22%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5440, -15.9110, 7.5210 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 199.5440, -15.9110, 7.5210 by changing the saturation by 10% instead.

■ 199.5440,
-15.9110, 7.5210

■ 199.5440,
-15.9110, 7.5210

■ 255.0000, -0.0000,
-0.0000

■ 172.4300,
-15.5900, 7.2100

■ 252.3090, -5.3640,
-1.9080

■ 145.3160,
-15.2690, 6.8990

■ 120.2020,
-14.9480, 6.5880

■ 95.0880, -14.6270,
6.2770

■ 70.9740, -14.3060,
5.9660

■ 48.4470, -14.2600,
5.1320

■ 26.7350, -15.1310,

4.3970

■ 4.0070, -9.9050,
8.8070

■ 0.0000, 0.0000,
0.0000

■ 199.5440,
-15.9110, 7.5210

■ 199.5440,
-15.9110, 7.5210

■ 182.6880,
-24.9440, 11.5360

■ 216.4000, -6.8780,
3.5060

■ 165.2450,
-33.7020, 16.0740

■ 233.8430, 1.8800,
-1.0320

■ 148.3890,
-42.7350, 20.0890

■ 249.8020, 9.1250,
-5.6830

■ 130.9460,
-51.4930, 24.6270

■ 252.1500, 8.0250,
-7.7750

■ 114.0900,
-60.5260, 28.6420

■ 97.2340, -69.5590,
32.6570

■ 79.7910, -78.3170,
37.1950

■ 62.9350, -87.3500,
41.2100

■ 59.0920, -89.2300,
42.2420

Harmonies

Analogous

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



196.5700, -27.9680, 0.2560



199.5440, -15.9110, 7.5210



201.7910, -0.3690, 12.1990

Triad

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



199.5440, -15.9110, 7.5210



201.7060, 27.3710, 5.0590



194.9560, -15.0360, -13.8520

Complementary

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



199.5440, -15.9110, 7.5210



219.4560, 15.9110, -7.5210

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.



196.7960, 0.0940, -12.7220



199.5440, -15.9110, 7.5210



200.2230, 24.1170, -2.0510

Square

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



199.5440, -15.9110, 7.5210



202.5410, 23.7020, 10.9820



198.5590, 14.1230, -8.1570



194.0780, -27.0030, -11.7310

Rectangle

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



199.5440, -15.9110, 7.5210



202.4070, 9.5800, 13.6120



198.5590, 14.1230, -8.1570



195.2940, -10.1760, -13.8240

Sweetspot

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



199.5440, -15.9110, 7.5210



245.2430, -4.9980, 2.4740



216.6010, -21.2260, -11.8020



122.0860, -3.1180, 1.4420



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.



199.5440, -15.9110, 7.5210



215.3740, -21.1840, 9.4720



196.6640, -7.2010, 14.8710



106.1290, -4.6770, 2.1630



46.2340, -69.5590, 32.6570



12.8580, -19.6710, 9.5850

Inverse Universe

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



202.3990, 21.2260, 11.8020



218.7420, 27.6900, 15.8020



222.3360, 7.2010, -14.8710



106.9300, 6.1890, 3.4770



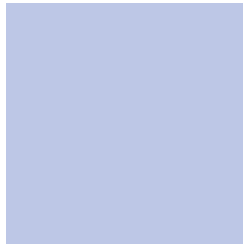
58.5370, 92.5600, 51.6320



16.6170, 26.5440, 14.5440

Previews

White Background



This preview shows how the YIQ color 199.5440, -15.9110, 7.5210 looks on a white background.

Color Contrast Check

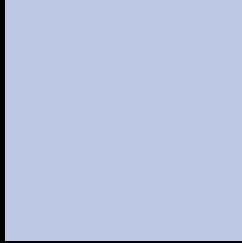
Large Text (above 18pt) WCAG AA × Fail

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 199.5440, -15.9110, 7.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

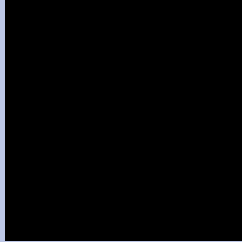
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5440, -15.9110, 7.5210

Background



This preview shows how black text looks on a background with the YIQ color 199.5440, -15.9110, 7.5210.



This preview shows how white text looks on a background with the YIQ color 199.5440, -15.9110,

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

199.5440, -15.9110, 7.5210

Protanopia

200.3380, -12.3350, 8.7930

Deuteranopia

200.9090, -6.5130, 13.4150



Tritanopia

198.6380, -13.4800, 2.0080

Trichromacy



Original Color

199.5440, -15.9110, 7.5210

Protanomaly

199.7400, -13.5270, 8.3690

Deuteranomaly

200.5880, -10.0430, 11.3090

Tritanomaly

198.9200, -14.2140, 4.2980

Monochromacy



Original Color

199.5440, -15.9110, 7.5210

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0580, -5.9150, 2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5440, -15.9110, 7.5210 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(189, 199, 230)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 230)  
}
```

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(189, 199, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 230) }
```

Border

The CSS property to change the border of an element to YIQ 199.5440, -15.9110, 7.5210 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(189, 199, 230) }
```


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

```
.border{ border-color:rgb(189, 199, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 199, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 230);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5440, -15.9110, 7.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 230) }
```

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

```
.background{ background-color: rgb(189,  
199, 230) }
```

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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