

Converting Colors

YIQ(150.2590, -72.9890,
-15.3330)

Have a look what the booklet for
YIQ(150.2590, -72.9890, -15.3330)
contains.

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Color

**YIQ(150.2590, -72.9890,
-15.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	47B4CD
RGB	71, 180, 205
RGB Percent	28%, 71%, 80%
CMY	0.7218, 0.2939, 0.1964
CMYK	0.65, 0.12, 0.00, 0.20
HSL	191°, 57%, 54%
HSV	191°, 65%, 80%
XYZ	29.9344, 38.4023, 63.5424
YIQ	150.2590, -72.9890, -15.3330

Conversions

Conversions Part 2

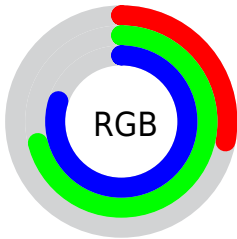
Format	Color
RYB	71, 131, 205
Decimal	4699341
CIELab	68.32, -23.25, -21.76
CIELCh	68, 31.843, 223.109
Yxy	38.4023, 0.2270, 0.2912
Android (android.graphics.Color)	4282889421 (0xFF47B4CD)
YUV	150.2590, 26.9873, -69.5101
Hunter-Lab	61.9696, -22.2222, -17.4161

Details

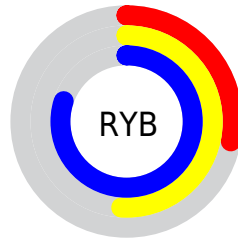
The YIQ color **150.2590, -72.9890, -15.3330** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **125.7410, 72.9890, 15.3330**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.3690, -67.4870, -15.9270**, and **91.7630, -83.3960, -19.4600** is the 20% darker color. If you saturate the color by 10%, you get **141.6320, -84.4050, -17.6930**, and if you desaturate by 10%, it is **158.5870, -62.1690, -13.1850**.

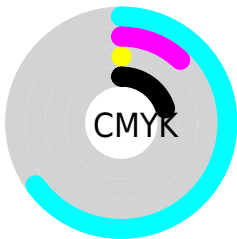
Distribution



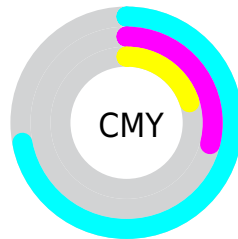
- Red (28%)
- Green (71%)
- Blue (80%)



- Red (28%)
- Yellow (51%)
- Blue (80%)



- Cyan (65%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.2590, -72.9890, -15.3330 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 150.2590, -72.9890, -15.3330 by changing the saturation by 10% instead.

■ 150.2590,
-72.9890, -15.3330

■ 150.2590,
-72.9890, -15.3330

■ 255.0000, -0.0000,
-0.0000

■ 118.9590,
-81.0120, -18.6120

■ 207.3690,
-67.4870, -15.9270

■ 91.7630, -83.3960,
-19.4600

■ 227.4920,
-54.8320, -19.5040

■ 74.1240, -68.1750,
-14.4710

■ 236.4620,
-36.9520, -13.1440

■ 56.5990, -53.2750,
-9.1710

■ 245.4320,
-19.0720, -6.7840

■ 40.3620, -39.2460,
-4.6060

■ 254.4020, -1.1920,
-0.4240

■ 26.0000, -26.3630,
-1.2990

■ 4.8220, -10.8220,

8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 150.2590,
-72.9890, -15.3330

■ 150.2590,
-72.9890, -15.3330

■ 141.6320,
-84.4050, -17.6930

■ 158.5870,
-62.1690, -13.1850

■ 133.3040,
-95.2250, -19.8410

■ 167.2140,
-50.7530, -10.8250

■ 125.2640,
-106.9160, -22.7240

■ 174.9550,
-39.6580, -8.1540

■ 121.3990,
-111.7300, -23.5860

■ 183.5820,
-28.2420, -5.7940

■ 191.9100,
-17.4220, -3.6460

■ 200.5370, -6.0060,
-1.2860

■ 208.8650, 4.8140,
0.8620

■ 216.9050, 16.5050,
3.7450

■ 225.2330, 27.3250,
5.8930

Harmonies

Analogous

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



150.2630, -61.6170, -23.1930



150.2590, -72.9890, -15.3330



158.1290, -57.4030, -0.4350

Triad

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



150.2590, -72.9890, -15.3330



170.9520, 27.4590, 25.4990



163.7690, 21.9190, -17.2890

Complementary

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



150.2590, -72.9890, -15.3330



125.7410, 72.9890, 15.3330

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.



166.2000, 40.1190, -5.7130



150.2590, -72.9890, -15.3330



169.7610, 43.8740, 19.8580

Square

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



150.2590, -72.9890, -15.3330



170.4250, 1.1420, 23.3660



168.2370, 47.8650, 8.0970



159.9060, -3.5720, -23.3800

Rectangle

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



150.2590, -72.9890, -15.3330



163.6200, -39.4320, 9.7840



168.2370, 47.8650, 8.0970



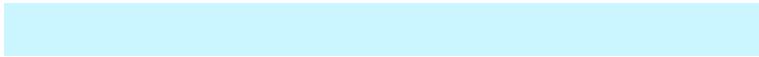
164.5850, 28.4290, -14.1230

Sweetspot

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



150.2590, -72.9890, -15.3330



234.4680, -27.9210, -6.1050



152.5080, -44.8750, -62.3070



115.2090, -16.8260, -3.4340



0.0000, 0.0000, 0.0000



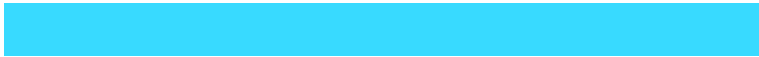
128.0000, -0.0000, -0.0000

Same Dimension

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



150.2590, -72.9890, -15.3330



173.7800, -108.4290, -22.8370



110.9300, -54.5640, 19.7080



97.8360, -5.4100, -1.0740



98.1690, -90.4110, -18.9790



22.5290, -20.7230, -4.3950

Inverse Universe

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



123.4920, 44.8750, 62.3070



133.9690, 66.6020, 92.5700



164.4830, 54.8390, -19.1850



95.9020, 3.3920, 4.6080



65.0240, 55.6010, 77.1770



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 150.2590, -72.9890, -15.3330 looks on a white background.

Color Contrast Check

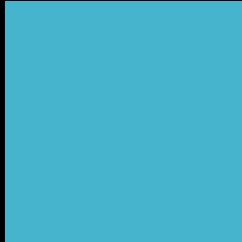
Large Text (above 18pt) WCAG AA × Fail

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 150.2590, -72.9890, -15.3330 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 150.2590, -72.9890, -15.3330 Background



This preview shows how black text looks on a background with the YIQ color 150.2590, -72.9890, -15.3330.



This preview shows how white text looks on a background with the YIQ color 150.2590, -72.9890, -15.3330.

-15.3330.

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

150.2590, -72.9890, -15.3330

Protanopia

166.2240, -12.0140, 8.4820

Deuteranopia

166.4610, -16.8750, 13.9810



Tritanopia

148.3250, -73.3550, -19.7150

Trichromacy



Original Color

150.2590, -72.9890, -15.3330

Protanomaly

160.6340, -34.0200, -0.1960

Deuteranomaly

160.8880, -37.5510, 3.2250

Tritanomaly

149.2650, -73.1260, -18.3580

Monochromacy



Original Color

150.2590, -72.9890, -15.3330

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0660, -26.7290, -5.6810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.2590, -72.9890, -15.3330 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(71, 180, 205)` looks like.

```
.text, #text, p{  
    color:rgb(71, 180, 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(71, 180, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 180, 205) }
```

Border

The CSS property to change the border of an element to YIQ 150.2590, -72.9890, -15.3330 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(71, 180, 205) }
```


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

```
.border{ border-color:rgb(71, 180, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 180, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 180, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 180, 205);  
box-shadow:4px 4px 4px 4px rgb(71, 180,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 150.2590, -72.9890, -15.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 180, 205) }
```

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

```
.background{ background-color: rgb(71, 180,  
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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