

Converting Colors

YIQ(155.7610, -89.0820,
-15.5300)

Have a look what the booklet for
YIQ(155.7610, -89.0820, -15.5300)
contains.

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Color

**YIQ(155.7610, -89.0820,
-15.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	3DBEE4
RGB	61, 190, 228
RGB Percent	24%, 75%, 89%
CMY	0.7610, 0.2547, 0.1063
CMYK	0.73, 0.17, 0.00, 0.11
HSL	194°, 75%, 57%
HSV	194°, 73%, 89%
XYZ	34.3353, 43.4363, 79.9021
YIQ	155.7610, -89.0820, -15.5300

Conversions

Conversions Part 2

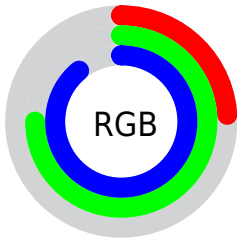
Format	Color
R _Y B	61, 134, 228
Decimal	4046564
CIE Lab	71.85, -22.57, -28.93
CIE LCh	72, 36.691, 232.047
Yxy	43.4363, 0.2178, 0.2755
Android (android.graphics.Color)	4282236644 (0xFF3DBEE4)
YUV	155.7610, 35.6138, -83.1054
Hunter-Lab	65.9062, -22.3424, -25.7465

Details

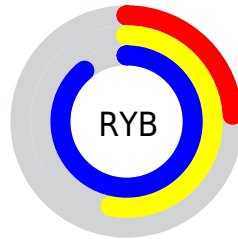
The YIQ color **155.7610, -89.0820, -15.5300** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **133.2390, 89.0820, 15.5300**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.3420, -72.0250, -21.7930**, and **99.4400, -92.6120, -17.6360** is the 20% darker color. If you saturate the color by 10%, you get **145.9490, -101.4150, -17.7910**, and if you desaturate by 10%, it is **165.5730, -76.7490, -13.2690**.

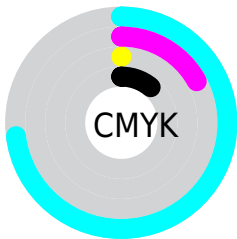
Distribution



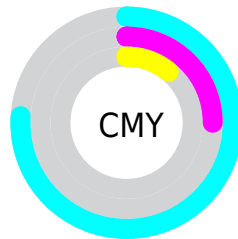
- Red (24%)
- Green (75%)
- Blue (89%)



- Red (24%)
- Yellow (53%)
- Blue (89%)



- Cyan (73%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (76%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.7610, -89.0820, -15.5300 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 155.7610, -89.0820, -15.5300 by changing the saturation by 10% instead.

■ 155.7610,
-89.0820, -15.5300

■ 155.7610,
-89.0820, -15.5300

■ 255.0000, -0.0000,
-0.0000

■ 118.4810,
-109.0250, -23.0490

■ 212.9290,
-72.3000, -22.3160

■ 99.4400, -92.6120,
-17.6360

■ 226.8940,
-56.0240, -19.9280

■ 81.8010, -77.3910,
-12.6470

■ 236.1630,
-37.5480, -13.3560

■ 64.1620, -62.1700,
-7.6580

■ 245.4320,
-19.0720, -6.7840

■ 47.8110, -47.8200,
-3.4040

■ 254.7010, -0.5960,
-0.2120

■ 32.1610, -34.0660,
0.6380

■ 14.9780, -20.1290,

6.8710

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 155.7610,
-89.0820, -15.5300

■ 155.7610,
-89.0820, -15.5300

■ 145.9490,
-101.4150, -17.7910

■ 165.5730,
-76.7490, -13.2690

■ 136.1370,
-113.7480, -20.0520

■ 175.3850,
-64.4160, -11.0080

■ 129.3040,
-121.5880, -21.1400

■ 185.4850,
-52.9540, -9.4820

■ 195.2970,
-40.6210, -7.2210

■ 205.1090,
-28.2880, -4.9600

■ 214.9210,
-15.9550, -2.6990

■ 224.4340, -4.2180,
-0.6500

■ 234.2460, 8.1150,
1.6110

■ 241.3560, 13.6170,
1.0170

Harmonies

Analogous

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



152.2260, -86.5580, -28.2380



155.7610, -89.0820, -15.5300



168.5080, -59.7880, 4.2440

Triad

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



155.7610, -89.0820, -15.5300



180.1060, 38.8290, 28.6930



171.4430, 16.7850, -23.3670

Complementary

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



155.7610, -89.0820, -15.5300



133.2390, 89.0820, 15.5300

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.



174.8100, 41.0370, -11.3390



155.7610, -89.0820, -15.5300



179.0240, 53.3190, 19.3910

Square

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



155.7610, -89.0820, -15.5300



180.9750, 11.4570, 29.1610



177.2390, 53.5510, 4.1670



166.5840, -14.5290, -28.5530

Rectangle

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



155.7610, -89.0820, -15.5300



175.0490, -36.0860, 15.2260



177.2390, 53.5510, 4.1670



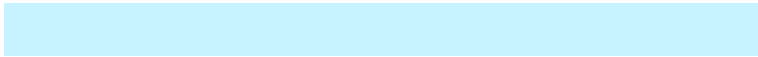
172.3410, 26.0000, -19.6640

Sweetspot

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



155.7610, -89.0820, -15.5300



230.6250, -29.8010, -5.0730



163.1330, -57.4810, -76.1450



113.1380, -18.0640, -3.0240



0.0000, 0.0000, 0.0000



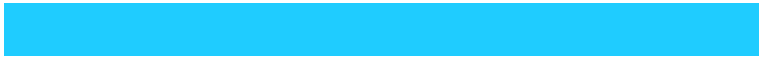
128.0000, -0.0000, -0.0000

Same Dimension

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



155.7610, -89.0820, -15.5300



158.0870, -119.4790, -20.8150



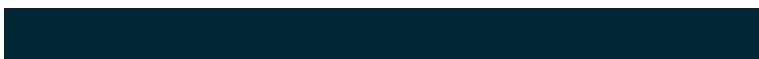
107.6270, -66.5320, 27.3560



109.6510, -6.3270, -0.9750



101.4120, -95.4090, -16.5050



28.7070, -27.0960, -4.5360

Inverse Universe

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



125.6390, 58.1230, 75.5230



117.6980, 77.9710, 101.2910



181.3730, 66.5320, -27.3560



107.6140, 4.2630, 5.3430



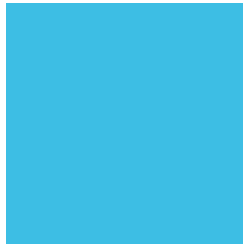
69.2530, 62.3860, 80.8660



19.6950, 17.8770, 22.9410

Previews

White Background



This preview shows how the YIQ color 155.7610, -89.0820, -15.5300 looks on a white background.

Color Contrast Check

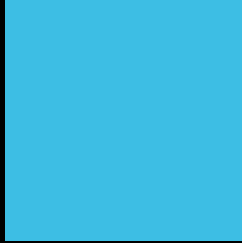
Large Text (above 18pt) WCAG AA × Fail

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 155.7610, -89.0820, -15.5300 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 155.7610, -89.0820, -15.5300 Background



This preview shows how black text looks on a background with the YIQ color 155.7610, -89.0820, -15.5300.



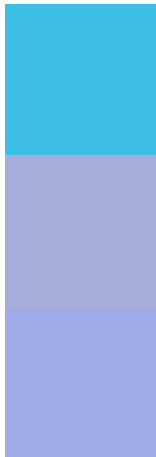
This preview shows how white text looks on a background with the YIQ color 155.7610, -89.0820, -15.5300.

-15.5300.

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

155.7610, -89.0820, -15.5300

Protanopia

175.5100, -18.5710, 11.6770

Deuteranopia

175.2520, -26.4120, 16.1160



Tritanopia

150.8710, -92.7480, -26.1880

Trichromacy



Original Color

155.7610, -89.0820, -15.5300

Protanomaly

168.1260, -44.1530, 1.7270

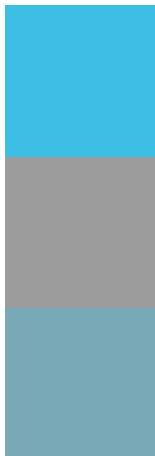
Deuteranomaly

168.4830, -49.4720, 4.5120

Tritanomaly

152.5770, -91.7400, -22.4280

Monochromacy



Original Color

155.7610, -89.0820, -15.5300

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.5430, -32.5060, -5.6100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7610, -89.0820, -15.5300 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(61, 190, 228)` looks like.

```
.text, #text, p{  
    color:rgb(61, 190, 228)  
}
```

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(61, 190, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 190, 228) }
```

Border

The CSS property to change the border of an element to YIQ 155.7610, -89.0820, -15.5300 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(61, 190, 228) }
```


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

```
.border{ border-color:rgb(61, 190, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 190, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 190, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 190, 228);  
box-shadow:4px 4px 4px 4px rgb(61, 190,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7610, -89.0820, -15.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 190, 228) }
```

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

```
.background{ background-color: rgb(61, 190,  
228) }
```

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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