

Converting Colors

YIQ(221.2380, -15.7700,
-11.5620)

Have a look what the booklet for
YIQ(221.2380, -15.7700, -11.5620)
contains.

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Color

**YIQ(221.2380, -15.7700,
-11.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E9DB
RGB	199, 233, 219
RGB Percent	78%, 91%, 86%
CMY	0.2197, 0.0862, 0.1412
CMYK	0.15, 0.00, 0.06, 0.09
HSL	155°, 44%, 85%
HSV	155°, 15%, 91%
XYZ	65.4745, 75.5387, 78.1383
YIQ	221.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

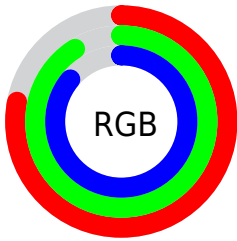
Format	Color
RYB	199, 220, 233
Decimal	13101531
CIELab	89.64, -13.78, 3.09
CIELCh	90, 14.121, 167.376
Yxy	75.5387, 0.2988, 0.3447
Android (android.graphics.Color)	4291291611 (0xFFC7E9DB)
YUV	221.2380, -1.1033, -19.5027
Hunter-Lab	86.9130, -17.6276, 7.5350

Details

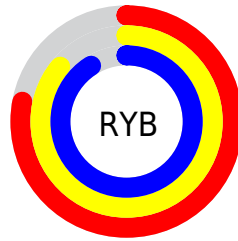
The YIQ color **221.2380, -15.7700, -11.5620** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **210.7620, 15.7700, 11.5620**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **165.9500, -14.8990, -10.8270** is the 20% darker color. If you saturate the color by 10%, you get **213.2210, -26.2680, -19.5480**, and if you desaturate by 10%, it is **229.2550, -5.2720, -3.5760**.

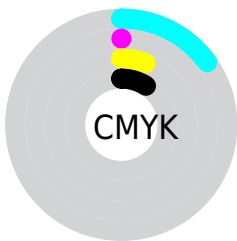
Distribution



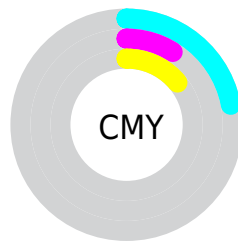
- Red (78%)
- Green (91%)
- Blue (86%)



- Red (78%)
- Yellow (86%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.2380, -15.7700, -11.5620 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 221.2380, -15.7700, -11.5620 by changing the saturation by 10% instead.

■ 221.2380,
-15.7700, -11.5620

■ 221.2380,
-15.7700, -11.5620

255.0000, -0.0000,
-0.0000

■ 193.5370,
-15.1740, -11.3500

■ 165.9500,
-14.8990, -10.8270

■ 139.9500,
-14.8990, -10.8270

■ 114.2490,
-14.3030, -10.6150

■ 89.6620, -14.0280,
-10.0920

■ 66.0750, -13.7530,
-9.5690

■ 43.1890, -14.0740,

-9.2580

■ 21.8900, -14.6700,
-9.4700

■ 0.0000, 0.0000,
0.0000

■ 221.2380,
-15.7700, -11.5620

■ 221.2380,
-15.7700, -11.5620

■ 213.2210,
-26.2680, -19.5480

■ 229.2550, -5.2720,
-3.5760

■ 205.0190,
-37.6830, -27.4350

■ 237.4570, 6.1430,
4.3110

■ 197.0020,
-48.1810, -35.4210

■ 241.2880, 8.2970,
9.3290

■ 189.0990,
-59.0000, -43.0960

■ 242.0860, 6.0500,
11.5060

■ 180.7830,
-70.0940, -51.2940

■ 172.7660,
-80.5920, -59.2800

■ 164.8630,
-91.4110, -66.9550

■ 156.8460,
-101.9090, -74.9410

■ 152.3890,
-108.0520, -79.2520

Harmonies

Analogous

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



222.5830, -3.6200, -11.4920



221.2380, -15.7700, -11.5620



220.7410, -24.4360, -8.6920

Triad

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



221.2380, -15.7700, -11.5620



226.1810, -10.4550, 7.7610



227.3850, 23.8410, 2.9530

Complementary

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



221.2380, -15.7700, -11.5620



210.7620, 15.7700, 11.5620

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.



227.8890, 22.6020, 8.8900



221.2380, -15.7700, -11.5620



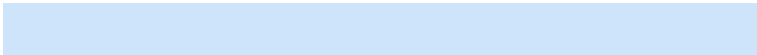
227.8190, 2.4280, 11.0680

Square

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



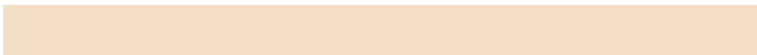
221.2380, -15.7700, -11.5620



223.7450, -21.0910, 2.2770



228.5770, 14.8530, 11.6610



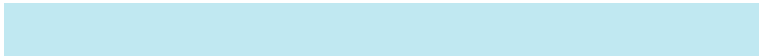
225.3580, 19.3030, -2.9130

Rectangle

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



221.2380, -15.7700, -11.5620



221.0660, -26.7290, -5.6810



228.5770, 14.8530, 11.6610



227.8520, 24.0240, 5.1440

Sweetspot

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



221.2380, -15.7700, -11.5620



251.5540, -4.6760, -3.3640



223.1440, -1.0060, -14.8140



125.5650, -3.2090, -2.4170



0.0000, 0.0000, 0.0000



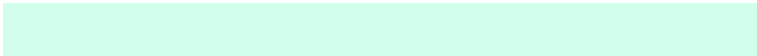
128.0000, -0.0000, -0.0000

Same Dimension

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



221.2380, -15.7700, -11.5620



239.0800, -21.3170, -15.6610



221.0730, -19.4390, -5.6390



113.1410, -4.9510, -3.8870



118.3310, -83.8010, -61.6970



35.2320, -24.8010, -18.6010

Inverse Universe

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



210.7620, 15.7700, 11.5620



224.9200, 21.3170, 15.6610



210.9270, 19.4390, 5.6390



109.7450, 5.2720, 3.5760



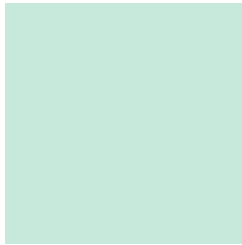
62.6690, 83.8010, 61.6970



18.6540, 25.1220, 18.2900

Previews

White Background



This preview shows how the YIQ color 221.2380, -15.7700, -11.5620 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 221.2380, -15.7700, -11.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

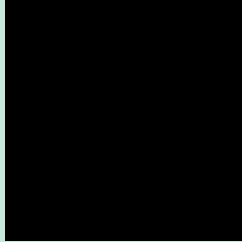
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

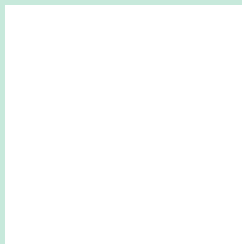
Any Text WCAG AAA ✓ Pass

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

YIQ 221.2380, -15.7700, -11.5620 Background



This preview shows how black text looks on a background with the YIQ color 221.2380, -15.7700, -11.5620.



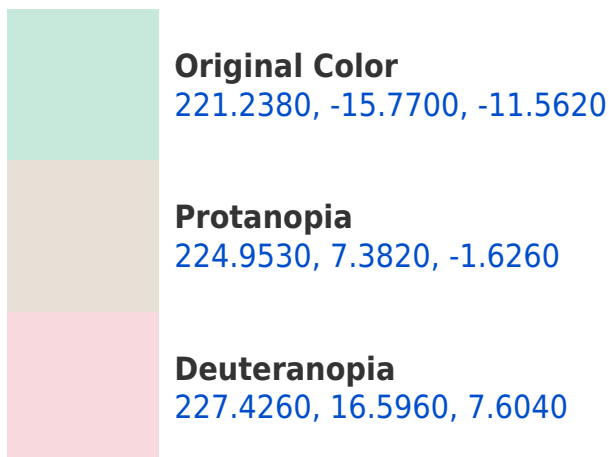
This preview shows how white text looks on a background with the YIQ color 221.2380, -15.7700, -11.5620.

-11.5620.

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

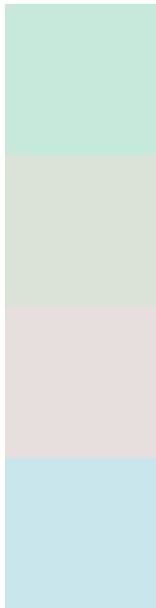




Tritanopia

223.5770, -20.6780, 0.2980

Trichromacy



Original Color

221.2380, -15.7700, -11.5620

Protanomaly

223.3540, -1.2370, -5.1170

Deuteranomaly

224.8650, 4.8140, 0.8620

Tritanomaly

222.4260, -18.9350, -3.7590

Monochromacy



Original Color

221.2380, -15.7700, -11.5620

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.2380, -15.7700, -11.5620 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(199, 233, 219)` looks like.

```
.text, #text, p{  
    color:rgb(199, 233, 219)  
}
```

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(199, 233, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 233, 219) }
```

Border

The CSS property to change the border of an element to YIQ 221.2380, -15.7700, -11.5620 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(199, 233, 219) }
```


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

```
.border{ border-color:rgb(199, 233, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 233, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 233, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 233, 219);  
box-shadow:4px 4px 4px 4px rgb(199, 233,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 221.2380, -15.7700, -11.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 233, 219) }
```

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

```
.background{ background-color: rgb(199,  
233, 219) }
```

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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