

Converting Colors

YIQ(122.7410, -85.1890, 7.5390)

Have a look what the booklet for
YIQ(122.7410, -85.1890, 7.5390)
contains.

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Color

**YIQ(122.7410, -85.1890,
7.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	2E8DE6
RGB	46, 141, 230
RGB Percent	18%, 55%, 90%
CMY	0.8197, 0.4469, 0.0984
CMYK	0.80, 0.39, 0.00, 0.10
HSL	209°, 79%, 54%
HSV	209°, 80%, 90%
XYZ	24.9239, 25.3488, 78.3657
YIQ	122.7410, -85.1890, 7.5390

Conversions

Conversions Part 2

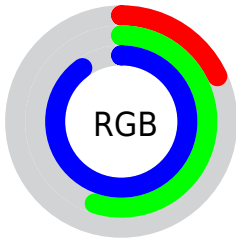
Format	Color
R _Y B	46, 109, 230
Decimal	3050982
CIE Lab	57.41, 3.60, -52.66
CIE LCh	57, 52.781, 273.906
Yxy	25.3488, 0.1938, 0.1971
Android (android.graphics.Color)	4281241062 (0xFF2E8DE6)
YUV	122.7410, 52.8787, -67.3019
Hunter-Lab	50.3476, 0.2559, -57.0412

Details

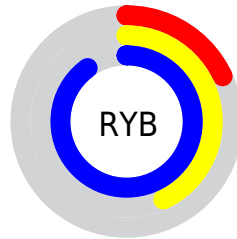
The YIQ color **122.7410, -85.1890, 7.5390** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **153.2590, 85.1890, -7.5390**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **178.8280, -63.6850, 3.2830**, and **73.8400, -81.1540, 5.9980** is the 20% darker color. If you saturate the color by 10%, you get **109.4070, -95.8720, 8.4160**, and if you desaturate by 10%, it is **136.0750, -74.5060, 6.6620**.

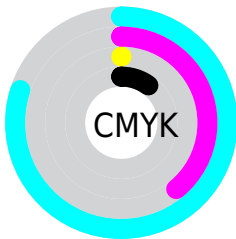
Distribution



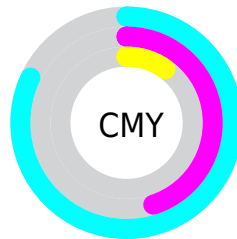
- Red (18%)
- Green (55%)
- Blue (90%)



- Red (18%)
- Yellow (43%)
- Blue (90%)



- Cyan (80%)
- Magenta (39%)
- Yellow (0%)
- Black (10%)



- Cyan (82%)
- Magenta (45%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.7410, -85.1890, 7.5390 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 122.7410, -85.1890, 7.5390 by changing the saturation by 10% instead.

■ 122.7410,
-85.1890, 7.5390

■ 122.7410,
-85.1890, 7.5390

■ 255.0000, -0.0000,
-0.0000

■ 91.0060, -96.4210,
1.8430

■ 178.8280,
-63.6850, 3.2830

■ 73.8400, -81.1540,
5.9980

■ 204.5330,
-52.9090, -4.7890

■ 57.2610, -66.1620,
9.6300

■ 230.2380,
-42.1330, -12.8610

■ 41.2690, -51.4450,
12.7390

■ 242.4420,
-25.0320, -8.9040

■ 27.2660, -38.1950,
14.9010

■ 251.7110, -6.5560,
-2.3320

■ 12.7900, -24.9910,
17.8970

■ 7.7060, -16.1870,

12.5250

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 122.7410,
-85.1890, 7.5390

■ 122.7410,
-85.1890, 7.5390

■ 109.4070,
-95.8720, 8.4160

■ 136.0750,
-74.5060, 6.6620

■ 96.0730,
-106.5550, 9.2930

■ 149.4090,
-63.8230, 5.7850

■ 162.7430,
-53.1400, 4.9080

■ 176.0770,
-42.4570, 4.0310

■ 189.9980,
-32.0490, 2.6310

■ 203.3320,
-21.3660, 1.7540

■ 216.6660,
-10.6830, 0.8770

■ 230.0000, -0.0000,
0.0000

■ 243.3340, 10.6830,
-0.8770

Harmonies

Analogous

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



114.8910, -112.6950, -11.5990



122.7410, -85.1890, 7.5390



140.9630, -14.6320, 33.9120

Triad

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



122.7410, -85.1890, 7.5390



135.7890, 73.0340, 20.0260



112.8560, -54.0020, -45.5700

Complementary

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



122.7410, -85.1890, 7.5390



153.2590, 85.1890, -7.5390

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.



127.0250, 5.7380, -37.9260



122.7410, -85.1890, 7.5390



135.1890, 65.0150, -5.3610

Square

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



122.7410, -85.1890, 7.5390



137.1200, 62.5770, 38.8410



132.2810, 43.4240, -27.0720



110.2220, -89.9030, -39.2070

Rectangle

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



122.7410, -85.1890, 7.5390



141.8870, 18.0570, 41.7130



132.2810, 43.4240, -27.0720



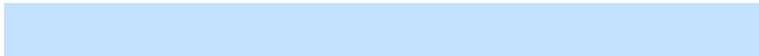
120.5510, -28.0980, -41.4580

Sweetspot

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



122.7410, -85.1890, 7.5390



219.1510, -28.1060, 2.7580



163.8120, -78.2060, -69.4860



106.3710, -17.1020, 1.5700



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.



122.7410, -85.1890, 7.5390



112.4790, -113.5700, 9.7740



70.4980, -60.7140, 54.0860



107.8900, -5.5020, 0.5940



74.4100, -82.7590, 7.5530



21.0760, -23.5210, 2.2630

Inverse Universe

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



111.8460, 79.1690, 68.5530



97.7330, 105.2530, 91.4370



205.5020, 60.7140, -54.0860



107.2720, 5.2260, 4.4100



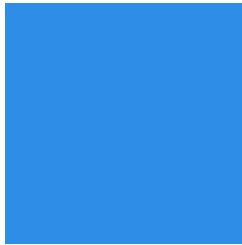
64.0090, 77.1520, 66.5600



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 122.7410, -85.1890, 7.5390 looks on a white background.

Color Contrast Check

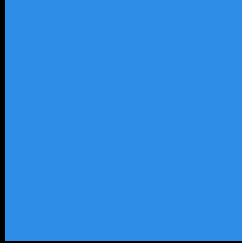
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.7410, -85.1890, 7.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

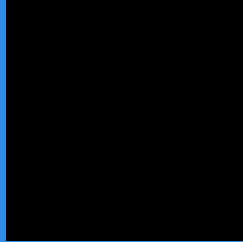
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.7410, -85.1890, 7.5390

Background



This preview shows how black text looks on a background with the YIQ color 122.7410, -85.1890, 7.5390.



This preview shows how white text looks on a background with the YIQ color 122.7410, -85.1890,

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

122.7410, -85.1890, 7.5390

Protanopia

134.2790, -48.2370, 20.6830

Deuteranopia

128.5690, -69.7850, 14.7190



Tritanopia

107.8060, -94.1230, -28.8030

Trichromacy



Original Color

122.7410, -85.1890, 7.5390

Protanomaly

130.4020, -61.9450, 15.8070

Deuteranomaly

126.4650, -75.4240, 12.2880

Tritanomaly

113.2770, -90.5950, -15.6430

Monochromacy



Original Color

122.7410, -85.1890, 7.5390

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1830, -31.1320, 2.5320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.7410, -85.1890, 7.5390 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(46, 141, 230)` looks like.

```
.text, #text, p{  
    color:rgb(46, 141, 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(46, 141, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 141, 230) }
```

Border

The CSS property to change the border of an element to YIQ 122.7410, -85.1890, 7.5390 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(46, 141, 230) }
```


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

```
.border{ border-color:rgb(46, 141, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 141, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 141, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 141, 230);  
box-shadow:4px 4px 4px 4px rgb(46, 141,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 122.7410, -85.1890, 7.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 141, 230) }
```

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

```
.background{ background-color: rgb(46, 141,  
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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