

Converting Colors

YIQ(128.5460, -89.3140,
-0.3060)

Have a look what the booklet for
YIQ(128.5460, -89.3140, -0.3060)
contains.

YIQ(128.5460, -89.3140, -0.3060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(128.5460, -89.3140,
-0.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	2B99E3
RGB	43, 153, 227
RGB Percent	17%, 60%, 89%
CMY	0.8315, 0.3998, 0.1102
CMYK	0.81, 0.33, 0.00, 0.11
HSL	204°, 77%, 53%
HSV	204°, 81%, 89%
XYZ	26.2434, 28.8503, 76.7826
YIQ	128.5460, -89.3140, -0.3060

Conversions

Conversions Part 2

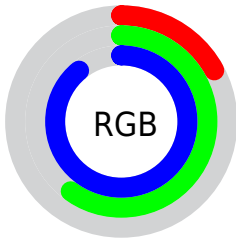
Format	Color
R _Y B	43, 112, 227
Decimal	2857443
CIE Lab	60.65, -4.80, -45.86
CIE LCh	61, 46.115, 264.025
Yxy	28.8503, 0.1990, 0.2188
Android (android.graphics.Color)	4281047523 (0xFF2B99E3)
YUV	128.5460, 48.5378, -75.0238
Hunter-Lab	53.7125, -6.7834, -47.1569

Details

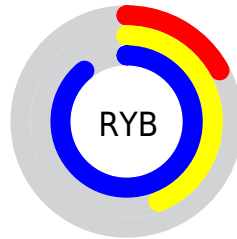
The YIQ color **128.5460, -89.3140, -0.3060** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **141.4540, 89.3140, 0.3060**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.8610, -68.4520, -3.9400**, and **79.3680, -82.9410, -0.1650** is the 20% darker color. If you saturate the color by 10%, you get **116.3860, -100.5470, -0.4750**, and if you desaturate by 10%, it is **140.7060, -78.0810, -0.1370**.

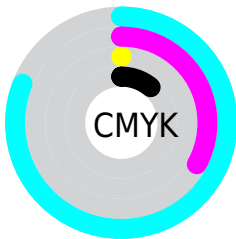
Distribution



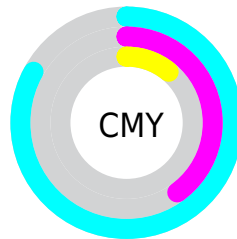
- Red (17%)
- Green (60%)
- Blue (89%)



- Red (17%)
- Yellow (44%)
- Blue (89%)



- Cyan (81%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (83%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.5460, -89.3140, -0.3060 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 128.5460, -89.3140, -0.3060 by changing the saturation by 10% instead.

■ 128.5460,
-89.3140, -0.3060

■ 128.5460,
-89.3140, -0.3060

■ 255.0000, -0.0000,
-0.0000

■ 97.2350, -98.8040,
-4.5320

■ 185.8610,
-68.4520, -3.9400

■ 79.3680, -82.9410,
-0.1650

■ 211.5660,
-57.6760, -12.0120

■ 62.7890, -67.9490,
3.4670

■ 232.5750,
-44.7000, -15.9000

■ 46.3240, -53.2780,
7.4100

■ 241.8440,
-26.2240, -9.3280

■ 31.7340, -39.7530,
10.0950

■ 251.1130, -7.7480,
-2.7560

■ 14.9100, -25.4490,
15.1830

■ 7.5920, -15.8660,

12.2140

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 128.5460,
-89.3140, -0.3060

■ 128.5460,
-89.3140, -0.3060

■ 116.3860,
-100.5470, -0.4750

■ 140.7060,
-78.0810, -0.1370

■ 105.7100,
-110.2670, -0.5310

■ 152.5670,
-67.4440, -0.1800

■ 164.7270,
-56.2110, -0.0110

■ 176.8870,
-44.9780, 0.1580

■ 189.3350,
-34.6160, -0.4080

■ 201.4950,
-23.3830, -0.2390

■ 213.6550,
-12.1500, -0.0700

■ 225.5160, -1.5130,
-0.1130

■ 237.6760, 9.7200,
0.0560

Harmonies

Analogous

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



119.1480, -112.2810, -19.1050



128.5460, -89.3140, -0.3060



147.4510, -28.1100, 24.8660

Triad

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



128.5460, -89.3140, -0.3060



146.4060, 64.0470, 23.2070



132.4640, -23.2390, -35.9030

Complementary

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



128.5460, -89.3140, -0.3060



141.4540, 89.3140, 0.3060

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.



139.5260, 17.7490, -29.8270



128.5460, -89.3140, -0.3060



145.0890, 62.7210, 3.1770

Square

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



128.5460, -89.3140, -0.3060



148.4110, 48.4560, 35.9440



142.8720, 46.4940, -16.6260



112.9460, -89.3060, -44.5220

Rectangle

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



128.5460, -89.3140, -0.3060



150.5320, 2.6990, 33.6990



142.8720, 46.4940, -16.6260



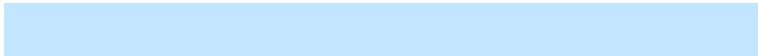
135.4180, -8.4300, -34.4620

Sweetspot

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



128.5460, -89.3140, -0.3060



222.0860, -29.4810, 0.1430



159.4440, -74.3540, -73.2180



108.1320, -17.9270, 0.0010



0.0000, 0.0000, 0.0000



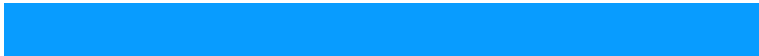
128.0000, -0.0000, -0.0000

Same Dimension

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



128.5460, -89.3140, -0.3060



123.0340, -119.9870, -0.5870



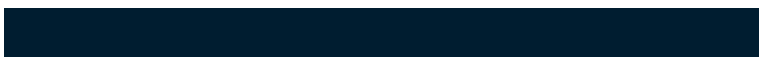
74.5420, -64.0140, 47.8100



106.3630, -5.4560, -0.2400



81.6990, -85.3710, -0.1790



22.4950, -23.3830, -0.2390

Inverse Universe

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



110.5560, 74.3540, 73.2180



98.7250, 99.7040, 98.3920



195.4580, 64.0140, -47.8100



105.0870, 4.3090, 4.5090



64.5940, 71.1910, 69.9670



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 128.5460, -89.3140, -0.3060 looks on a white background.

Color Contrast Check

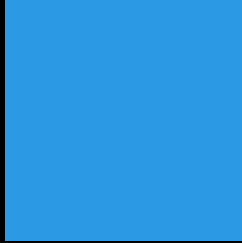
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5460, -89.3140, -0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

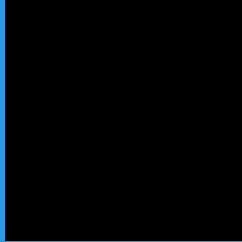
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

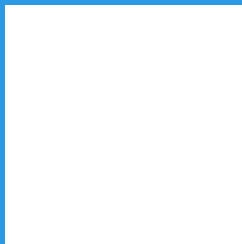
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 128.5460, -89.3140, -0.3060

Background



This preview shows how black text looks on a background with the YIQ color 128.5460, -89.3140, -0.3060.



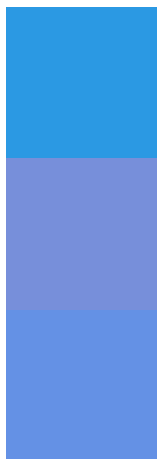
This preview shows how white text looks on a background with the YIQ color 128.5460, -89.3140, -0.3060.

-0.3060.

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

128.5460, -89.3140, -0.3060

Protanopia

144.3740, -38.3790, 18.2370

Deuteranopia

141.1210, -53.7840, 16.5840



Tritanopia

114.9300, -100.4040, -30.6120

Trichromacy



Original Color

128.5460, -89.3140, -0.3060

Protanomaly

138.6920, -57.1300, 11.1420

Deuteranomaly

136.4890, -66.8040, 10.2520

Tritanomaly

120.1190, -96.1420, -19.7420

Monochromacy



Original Color

128.5460, -89.3140, -0.3060

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1180, -32.5070, -0.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5460, -89.3140, -0.3060 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(43, 153, 227)` looks like.

```
.text, #text, p{  
    color:rgb(43, 153, 227)  
}
```

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(43, 153, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 153, 227) }
```

Border

The CSS property to change the border of an element to YIQ 128.5460, -89.3140, -0.3060 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(43, 153, 227) }
```


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

```
.border{ border-color:rgb(43, 153, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 153, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 153, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 153, 227);  
box-shadow:4px 4px 4px 4px rgb(43, 153,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5460, -89.3140, -0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 153, 227) }
```

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

```
.background{ background-color: rgb(43, 153,  
227) }
```

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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