

Converting Colors

YIQ(113.7930, -82.9400,
-5.6920)

Have a look what the booklet for
YIQ(113.7930, -82.9400, -5.6920)
contains.

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Color

**YIQ(113.7930, -82.9400,
-5.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	1F8CC4
RGB	31, 140, 196
RGB Percent	12%, 55%, 77%
CMY	0.8786, 0.4508, 0.2317
CMYK	0.84, 0.29, 0.00, 0.23
HSL	200°, 73%, 44%
HSV	200°, 84%, 77%
XYZ	19.9011, 23.0412, 55.5664
YIQ	113.7930, -82.9400, -5.6920

Conversions

Conversions Part 2

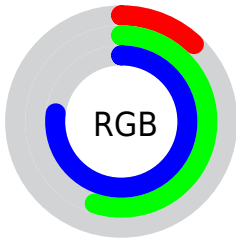
Format	Color
R_{YB}	31, 97, 196
Decimal	2067652
CIE _{Lab}	55.11, -9.62, -37.21
CIE _{LCh}	55, 38.439, 255.499
Yxy	23.0412, 0.2020, 0.2339
Android (android.graphics.Color)	4280257732 (0xFF1F8CC4)
YUV	113.7930, 40.5281, -72.6095
Hunter-Lab	48.0013, -9.9968, -35.0333




Details

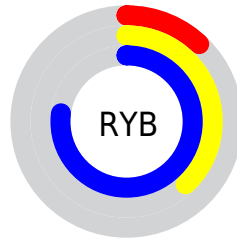
The YIQ color **113.7930, -82.9400, -5.6920** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **113.2070, 82.9400, 5.6920**, and the grayscale version is **113.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **173.8270, -71.1120, 0.2160**, and **69.0180, -70.3320, -2.9080** is the 20% darker color. If you saturate the color by 10%, you get **103.7040, -92.9350, -6.2710**, and if you desaturate by 10%, it is **123.8820, -72.9450, -5.1130**.

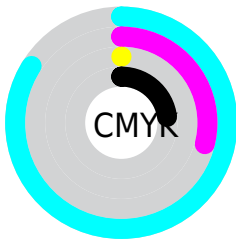
Distribution







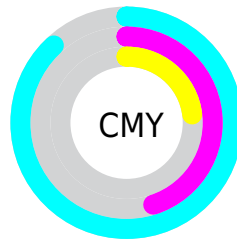
-  Red (12%)
-  Green (55%)
-  Blue (77%)






-  Red (12%)
-  Yellow (38%)
-  Blue (77%)



-  Cyan (84%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (23%)



-  Cyan (88%)
-  Magenta (45%)
-  Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.7930, -82.9400, -5.6920 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 113.7930, -82.9400, -5.6920 by changing the saturation by 10% instead.

■ 113.7930,
-82.9400, -5.6920

■ 113.7930,
-82.9400, -5.6920

■ 255.0000, -0.0000,
-0.0000

■ 86.6570, -85.5530,
-7.8970

■ 173.8270,
-71.1120, 0.2160

■ 69.0180, -70.3320,
-2.9080

■ 199.4610,
-61.5740, -7.4460

■ 52.5530, -55.6610,
1.0350

■ 225.4540,
-51.6690, -16.2530

■ 36.7890, -41.5860,
4.7660

■ 237.3590,
-35.1640, -12.5080

■ 22.3130, -28.3820,
7.7620

■ 246.6280,
-16.6880, -5.9360

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 113.7930,
-82.9400, -5.6920

■ 113.7930,
-82.9400, -5.6920

■ 103.7040,
-92.9350, -6.2710

■ 123.8820,
-72.9450, -5.1130

■ 98.6540, -98.6660,
-7.0340

■ 133.0850,
-63.2710, -4.2230

■ 143.1740,
-53.2760, -3.6440

■ 152.9640,
-43.8770, -3.2770

■ 162.4660,
-33.6070, -2.1750

■ 172.5550,
-23.6120, -1.5960

■ 181.7580,
-13.9380, -0.7060

■ 191.8470, -3.9430,
-0.1270

■ 201.6370, 5.4560,
0.2400

Harmonies

Analogous

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



106.6950, -97.8840, -21.2120



113.7930, -82.9400, -5.6920



130.6580, -33.4270, 16.5970

Triad

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



113.7930, -82.9400, -5.6920



133.4630, 50.7050, 22.7130



123.4060, -8.1560, -28.4120

Complementary

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



113.7930, -82.9400, -5.6920



113.2070, 82.9400, 5.6920

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.



127.1340, 22.1490, -21.4590



113.7930, -82.9400, -5.6920



132.3470, 53.3670, 7.5030

Square

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



113.7930, -82.9400, -5.6920



135.5230, 33.2810, 30.1210



130.0600, 43.3290, -8.8230



114.2240, -48.6860, -31.7740

Rectangle

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



113.7930, -82.9400, -5.6920



134.9880, -7.7530, 24.8790



130.0600, 43.3290, -8.8230



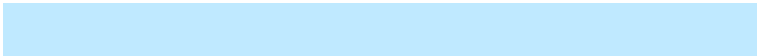
124.6200, 2.9850, -26.5750

Sweetspot

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



113.7930, -82.9400, -5.6920



222.9500, -32.0940, -2.0620



134.1250, -63.0300, -69.1900



108.7080, -19.6690, -1.4690



0.0000, 0.0000, 0.0000



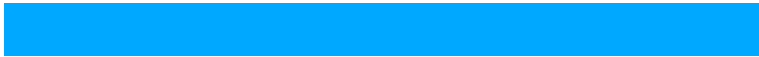
128.0000, -0.0000, -0.0000

Same Dimension

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



113.7930, -82.9400, -5.6920



128.2730, -128.3300, -9.0820



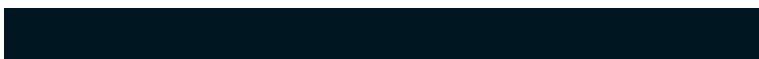
65.6590, -60.3900, 37.1940



92.2490, -5.1350, -0.5510



80.5760, -80.8310, -5.3670



16.6760, -16.6430, -1.2430

Inverse Universe

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



92.7610, 63.3510, 68.8790



95.5110, 97.7310, 106.6190



160.7540, 60.6650, -36.6710



90.7880, 3.7130, 4.2970



60.2230, 61.9300, 67.0980



12.3750, 12.6060, 13.8380

Previews

White Background



This preview shows how the YIQ color 113.7930, -82.9400, -5.6920 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 113.7930, -82.9400, -5.6920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

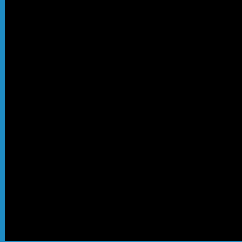
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.7930, -82.9400, -5.6920

Background



This preview shows how black text looks on a background with the YIQ color 113.7930, -82.9400, -5.6920.



This preview shows how white text looks on a background with the YIQ color 113.7930, -82.9400, -5.6920.

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

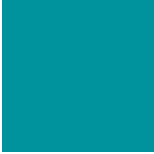
113.7930, -82.9400, -5.6920

Protanopia

130.8280, -28.1540, 14.6460

Deuteranopia

129.3690, -39.9830, 14.2650



Tritanopia

103.6000, -90.5470, -27.5310

Trichromacy



Original Color

113.7930, -82.9400, -5.6920

Protanomaly

124.5480, -48.0970, 7.1270

Deuteranomaly

123.5410, -55.3870, 7.0850

Tritanomaly

107.3110, -87.9350, -19.7990

Monochromacy



Original Color

113.7930, -82.9400, -5.6920

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7330, -29.9850, -1.7370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7930, -82.9400, -5.6920 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(31, 140, 196)` looks like.

```
.text, #text, p{  
    color:rgb(31, 140, 196)  
}
```

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(31, 140, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 140, 196) }
```

Border

The CSS property to change the border of an element to YIQ 113.7930, -82.9400, -5.6920 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(31, 140, 196) }
```


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

```
.border{ border-color:rgb(31, 140, 196) }
```

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

Here you see how a box with a 4 pixel rgb(31, 140, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 140, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 140, 196);  
box-shadow:4px 4px 4px 4px rgb(31, 140,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7930, -82.9400, -5.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 140, 196) }
```

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

```
.background{ background-color: rgb(31, 140,  
196) }
```

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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