

Converting Colors

YIQ(137.4700, -92.1560,
-3.8680)

Have a look what the booklet for
YIQ(137.4700, -92.1560, -3.8680)
contains.

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Color

**YIQ(137.4700, -92.1560,
-3.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	2FA5E9
RGB	47, 165, 233
RGB Percent	18%, 65%, 91%
CMY	0.8159, 0.3527, 0.0867
CMYK	0.80, 0.29, 0.00, 0.09
HSL	202°, 81%, 55%
HSV	202°, 80%, 91%
XYZ	29.3263, 33.4082, 81.9137
YIQ	137.4700, -92.1560, -3.8680

Conversions

Conversions Part 2

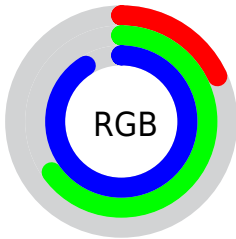
Format	Color
R _Y B	47, 119, 233
Decimal	3122665
CIE Lab	64.49, -9.08, -43.12
CIE LCh	64, 44.067, 258.116
Yxy	33.4082, 0.2027, 0.2310
Android (android.graphics.Color)	4281312745 (0xFF2FA5E9)
YUV	137.4700, 47.0963, -79.3422
Hunter-Lab	57.7998, -10.5828, -43.5656

Details

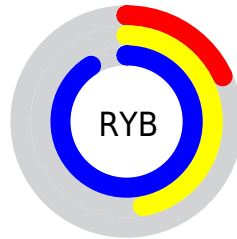
The YIQ color **137.4700, -92.1560, -3.8680** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **142.5300, 92.1560, 3.8680**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3890, -70.2390, -10.1030**, and **86.5090, -87.8920, -4.0520** is the 20% darker color. If you saturate the color by 10%, you get **125.8970, -103.6640, -4.5600**, and if you desaturate by 10%, it is **149.6300, -80.9230, -3.6990**.

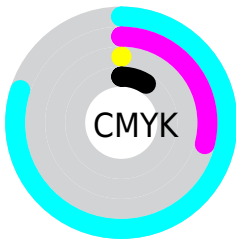
Distribution



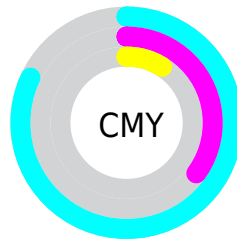
- Red (18%)
- Green (65%)
- Blue (91%)



- Red (18%)
- Yellow (47%)
- Blue (91%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.4700, -92.1560, -3.8680 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 137.4700, -92.1560, -3.8680 by changing the saturation by 10% instead.

■ 137.4700,
-92.1560, -3.8680

■ 137.4700,
-92.1560, -3.8680

■ 255.0000, -0.0000,
-0.0000

■ 104.9630,
-104.0300, -8.9420

■ 194.3890,
-70.2390, -10.1030

■ 86.5090, -87.8920,
-4.0520

■ 220.3930,
-58.8670, -17.9630

■ 69.3430, -72.6250,
0.1030

■ 233.7710,
-42.3160, -15.0520

■ 52.8780, -57.9540,
4.0460

■ 243.0400,
-23.8400, -8.4800

■ 37.0000, -43.5580,
7.4660

■ 252.3090, -5.3640,
-1.9080

■ 23.1110, -30.6290,
9.9390

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 137.4700,
-92.1560, -3.8680

■ 137.4700,
-92.1560, -3.8680

■ 125.8970,
-103.6640, -4.5600

■ 149.6300,
-80.9230, -3.6990

■ 113.4380,
-115.4930, -4.9410

■ 161.5020,
-68.8190, -2.7950

■ 173.6620,
-57.5860, -2.6260

■ 185.2350,
-46.0780, -1.9340

■ 197.3950,
-34.8450, -1.7650

■ 209.2670,
-22.7410, -0.8610

■ 221.4270,
-11.5080, -0.6920

■ 233.0000, -0.0000,
-0.0000

■ 244.8610, 10.6370,
-0.0430

Harmonies

Analogous

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



125.9470, -116.2690, -23.9250



137.4700, -92.1560, -3.8680



155.9230, -35.4910, 20.9650

Triad

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



137.4700, -92.1560, -3.8680



157.7200, 60.2870, 25.2710



145.4930, -13.0150, -33.9670

Complementary

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



137.4700, -92.1560, -3.8680



142.5300, 92.1560, 3.8680

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.



151.0430, 23.6630, -26.8730



137.4700, -92.1560, -3.8680



156.3110, 62.2160, 6.8240

Square

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



137.4700, -92.1560, -3.8680



160.1760, 41.8080, 35.2800



154.3610, 49.6110, -12.5410



133.5100, -64.4110, -38.6430

Rectangle

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



137.4700, -92.1560, -3.8680



160.2320, -5.3240, 30.4200



154.3610, 49.6110, -12.5410



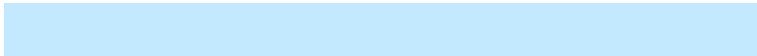
147.3760, 0.5560, -32.1160

Sweetspot

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



137.4700, -92.1560, -3.8680



223.8470, -30.3060, -1.4260



163.5920, -72.0150, -77.0630



108.7190, -18.2020, -0.5220



0.0000, 0.0000, 0.0000



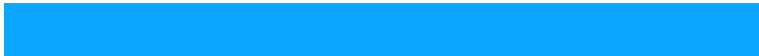
128.0000, -0.0000, -0.0000

Same Dimension

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



137.4700, -92.1560, -3.8680



129.5020, -121.5450, -5.3930



84.6400, -67.4060, 43.2020



111.3630, -5.4560, -0.2400



88.1390, -89.7260, -3.8540



26.1140, -26.6840, -0.9880

Inverse Universe

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



116.0660, 72.9780, 76.1300



101.0390, 95.9440, 100.4560



195.3600, 67.4060, -43.2020



110.0870, 4.3090, 4.5090



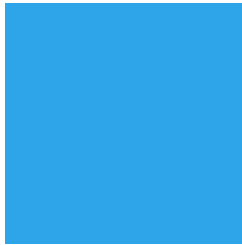
67.2290, 70.9610, 74.1370



20.0220, 21.2700, 22.0220

Previews

White Background



This preview shows how the YIQ color 137.4700, -92.1560, -3.8680 looks on a white background.

Color Contrast Check

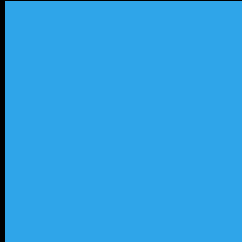
Large Text (above 18pt) WCAG AA × Fail

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 137.4700, -92.1560, -3.8680 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

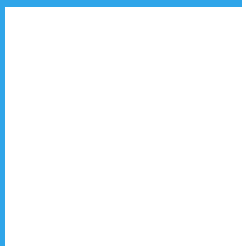
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.4700, -92.1560, -3.8680

Background



This preview shows how black text looks on a background with the YIQ color 137.4700, -92.1560, -3.8680.



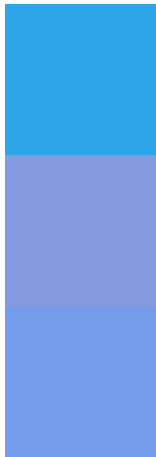
This preview shows how white text looks on a background with the YIQ color 137.4700, -92.1560, -3.8680.

-3.8680.

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

137.4700, -92.1560, -3.8680

Protanopia

155.0000, -34.3900, 17.5300

Deuteranopia

152.7580, -48.3280, 16.8240



Tritanopia

122.7550, -107.2810, -32.6330

Trichromacy



Original Color

137.4700, -92.1560, -3.8680

Protanomaly

148.5350, -55.2500, 10.1100

Deuteranomaly

147.5170, -64.0070, 9.1210

Tritanomaly

128.0150, -101.7810, -22.1730

Monochromacy



Original Color

137.4700, -92.1560, -3.8680

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9930, -33.6530, -1.3410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4700, -92.1560, -3.8680 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(47, 165, 233)` looks like.

```
.text, #text, p{  
    color:rgb(47, 165, 233)  
}
```

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(47, 165, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 165, 233) }
```

Border

The CSS property to change the border of an element to YIQ 137.4700, -92.1560, -3.8680 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(47, 165, 233) }
```


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

```
.border{ border-color:rgb(47, 165, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 165, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 165, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 165, 233);  
box-shadow:4px 4px 4px 4px rgb(47, 165,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4700, -92.1560, -3.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 165, 233) }
```

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

```
.background{ background-color: rgb(47, 165,  
233) }
```

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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