

Converting Colors

YIQ(138.7900, -35.3000,
-21.0600)

Have a look what the booklet for
YIQ(138.7900, -35.3000, -21.0600)
contains.

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Color

**YIQ(138.7900, -35.3000,
-21.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA28E
RGB	92, 162, 142
RGB Percent	36%, 64%, 56%
CMY	0.6394, 0.3646, 0.4433
CMYK	0.43, 0.00, 0.12, 0.36
HSL	163°, 28%, 50%
HSV	163°, 43%, 64%
XYZ	22.2147, 30.0760, 30.2131
YIQ	138.7900, -35.3000, -21.0600

Conversions

Conversions Part 2

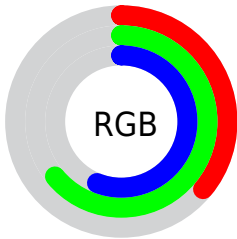
Format	Color
RYB	92, 133, 162
Decimal	6070926
CIELab	61.72, -27.01, 3.55
CIElCh	62, 27.241, 172.511
Yxy	30.0760, 0.2693, 0.3645
Android (android.graphics.Color)	4284261006 (0xFF5CA28E)
YUV	138.7900, 1.5825, -41.0348
Hunter-Lab	54.8416, -23.6678, 5.7253

Details

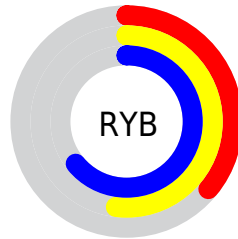
The YIQ color **138.7900, -35.3000, -21.0600** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **115.2100, 35.3000, 21.0600**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3770, -35.5750, -21.5830**, and **86.4200, -37.1340, -20.8620** is the 20% darker color. If you saturate the color by 10%, you get **133.4360, -43.2310, -26.0070**, and if you desaturate by 10%, it is **144.1440, -27.3690, -16.1130**.

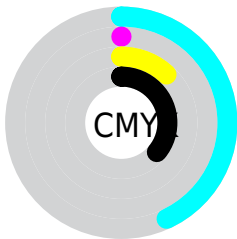
Distribution



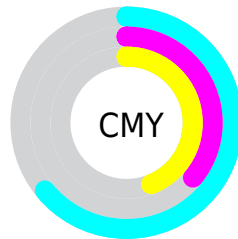
- Red (36%)
- Green (64%)
- Blue (56%)



- Red (36%)
- Yellow (52%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7900, -35.3000, -21.0600 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 138.7900, -35.3000, -21.0600 by changing the saturation by 10% instead.

■ 138.7900,
-35.3000, -21.0600

■ 138.7900,
-35.3000, -21.0600

■ 255.0000, -0.0000,
-0.0000

■ 112.4910,
-35.8960, -21.2720

■ 193.3770,
-35.5750, -21.5830

■ 86.4200, -37.1340,
-20.8620

■ 221.6650,
-36.4460, -22.3180

■ 57.9460, -44.6070,
-23.0950

■ 238.5120,
-31.2210, -12.3810

■ 41.6380, -31.8160,
-18.1200

■ 247.5250,
-14.9000, -5.3000

■ 25.7430, -18.7500,
-12.6220

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,

0.0000

■ 138.7900,
-35.3000, -21.0600

■ 138.7900,
-35.3000, -21.0600

■ 133.4360,
-43.2310, -26.0070

■ 144.1440,
-27.3690, -16.1130

■ 128.1960,
-51.4830, -30.6430

■ 149.3840,
-19.1170, -11.4770

■ 122.5430,
-60.0100, -35.8020

■ 155.0370,
-10.5900, -6.3180

■ 117.1890,
-67.9410, -40.7490

■ 160.3910, -2.6590,
-1.3710

■ 111.9490,
-76.1930, -45.3850

■ 165.6310, 5.5930,
3.2650

■ 108.3180,
-81.7860, -48.6500

■ 170.9850, 13.5240,
8.2120

■ 176.2250, 21.7760,
12.8480

■ 181.8780, 30.3030,
18.0070

■ 187.2320, 38.2340,
22.9540

Harmonies

Analogous

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



142.7790, -10.4040, -20.7080



138.7900, -35.3000, -21.0600



135.9590, -54.6490, -17.3130

Triad

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



138.7900, -35.3000, -21.0600



150.1730, -16.0040, 14.7160



149.9970, 39.6130, 3.4610

Complementary

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



138.7900, -35.3000, -21.0600



115.2100, 35.3000, 21.0600

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.



151.4350, 38.7400, 13.7800



138.7900, -35.3000, -21.0600



152.8510, 8.5700, 20.9060

Square

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



138.7900, -35.3000, -21.0600



144.7460, -40.0270, 4.0450



152.6760, 28.0560, 20.1840



148.0570, 30.2160, -7.9600

Rectangle

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



138.7900, -35.3000, -21.0600



136.9680, -58.8680, -12.4360



152.6760, 28.0560, 20.1840



150.4040, 40.0250, 7.0090

Sweetspot

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



138.7900, -35.3000, -21.0600



202.7160, -14.1200, -8.4240



139.3690, -6.7340, -32.1580



101.3470, -8.5270, -5.1590



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



138.7900, -35.3000, -21.0600



175.4620, -55.2880, -33.2720



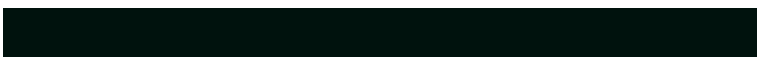
132.8520, -37.8700, -7.5180



78.9670, -4.4010, -2.8410



96.9710, -73.2590, -43.4910



12.0480, -9.1230, -5.3710

Inverse Universe

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



115.2100, 35.3000, 21.0600



138.4240, 55.6090, 32.9610



121.1480, 37.8700, 7.5180



76.0330, 4.4010, 2.8410



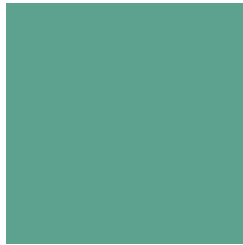
48.1430, 72.9380, 43.8020



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 138.7900, -35.3000, -21.0600 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 138.7900, -35.3000, -21.0600 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 138.7900, -35.3000, -21.0600 Background



This preview shows how black text looks on a background with the YIQ color 138.7900, -35.3000, -21.0600.



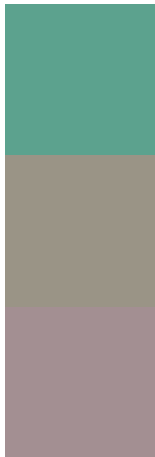
This preview shows how white text looks on a background with the YIQ color 138.7900, -35.3000, -21.0600.

-21.0600.

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

138.7900, -35.3000, -21.0600

Protanopia

148.1980, 8.0700, -3.0820

Deuteranopia

149.3220, 10.9570, 5.1730



Tritanopia

142.1400, -38.7410, -8.2530

Trichromacy



Original Color

138.7900, -35.3000, -21.0600

Protanomaly

144.5980, -7.9760, -9.6400

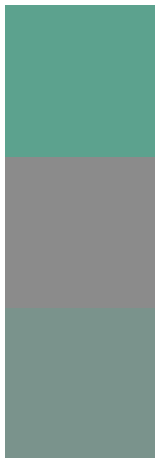
Deuteranomaly

145.5430, -6.1430, -4.3110

Tritanomaly

140.5760, -37.2730, -12.8330

Monochromacy



Original Color

138.7900, -35.3000, -21.0600

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7270, -12.6530, -7.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7900, -35.3000, -21.0600 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(92, 162, 142)` looks like.

```
.text, #text, p{  
    color:rgb(92, 162, 142)  
}
```

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(92, 162, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 162, 142) }
```

Border

The CSS property to change the border of an element to YIQ 138.7900, -35.3000, -21.0600 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(92, 162, 142) }
```


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

```
.border{ border-color:rgb(92, 162, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 162, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 162, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 162, 142);  
box-shadow:4px 4px 4px 4px rgb(92, 162,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7900, -35.3000, -21.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 162, 142) }
```

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

```
.background{ background-color: rgb(92, 162,  
142) }
```

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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