

Converting Colors

YIQ(138.0890, -87.4300,
-23.4460)

Have a look what the booklet for
YIQ(138.0890, -87.4300, -23.4460)
contains.

YIQ(138.0890, -87.4300, -23.4460)	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(138.0890, -87.4300,
-23.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	28B1C3
RGB	40, 177, 195
RGB Percent	16%, 69%, 76%
CMY	0.8434, 0.3056, 0.2357
CMYK	0.80, 0.09, 0.00, 0.24
HSL	187°, 66%, 46%
HSV	187°, 80%, 76%
XYZ	26.4454, 35.8525, 57.1016
YIQ	138.0890, -87.4300, -23.4460

Conversions

Conversions Part 2

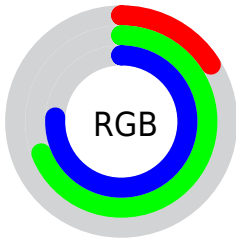
Format	Color
R_{YB}	40, 113, 195
Decimal	2666947
CIE _{Lab}	66.41, -28.79, -19.20
CIE _{LCh}	66, 34.603, 213.708
Yxy	35.8525, 0.2215, 0.3003
Android (android.graphics.Color)	4280857027 (0xFF28B1C3)
YUV	138.0890, 28.0571, -86.0241
Hunter-Lab	59.8770, -25.9480, -14.6280

Details

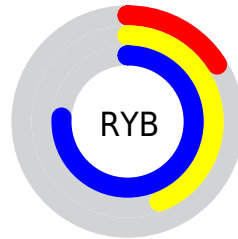
The YIQ color **138.0890, -87.4300, -23.4460** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **96.9110, 87.4300, 23.4460**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.2860, -77.6190, -19.5310**, and **88.8620, -79.3610, -21.0010** is the 20% darker color. If you saturate the color by 10%, you get **130.9350, -98.8000, -26.6400**, and if you desaturate by 10%, it is **144.9440, -76.6560, -20.4640**.

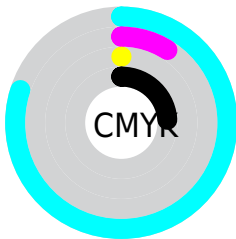
Distribution



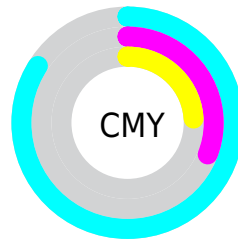
- Red (16%)
- Green (69%)
- Blue (76%)



- Red (16%)
- Yellow (44%)
- Blue (76%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (84%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.0890, -87.4300, -23.4460 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 138.0890, -87.4300, -23.4460 by changing the saturation by 10% instead.

■ 138.0890,
-87.4300, -23.4460

■ 138.0890,
-87.4300, -23.4460

■ 255.0000, -0.0000,
-0.0000

■ 107.2020,
-95.1780, -26.2020

■ 199.1720,
-77.2980, -19.8420

■ 88.8620, -79.3610,
-21.0010

■ 221.8110,
-66.1560, -23.5320

■ 71.3370, -64.4610,
-15.7010

■ 230.7810,
-48.2760, -17.1720

■ 53.8120, -49.5610,
-10.4010

■ 239.7510,
-30.3960, -10.8120

■ 37.6890, -35.8530,
-5.5250

■ 249.0200,
-11.9200, -4.2400

■ 23.9140, -23.2450,
-2.7410

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 138.0890,
-87.4300, -23.4460

■ 138.0890,
-87.4300, -23.4460

■ 130.9350,
-98.8000, -26.6400

■ 144.9440,
-76.6560, -20.4640

■ 124.0800,
-109.5740, -29.6220

■ 152.6850,
-65.5610, -17.7930

■ 123.1940,
-109.8950, -29.3110

■ 159.5400,
-54.7870, -14.8110

■ 166.6940,
-43.4170, -11.6170

■ 173.5490,
-32.6430, -8.6350

■ 181.2900,
-21.5480, -5.9640

■ 188.1450,
-10.7740, -2.9820

■ 195.2990, 0.5960,
0.2120

■ 202.1540, 11.3700,
3.1940

Harmonies

Analogous

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



143.5140, -61.0660, -27.6740



138.0890, -87.4300, -23.4460



147.1160, -73.7240, -7.5160

Triad

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



138.0890, -87.4300, -23.4460



166.0100, 21.5440, 28.0720



159.3140, 30.6300, -15.4660

Complementary

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



138.0890, -87.4300, -23.4460



96.9110, 87.4300, 23.4460

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.



161.4290, 46.9040, -2.0240



138.0890, -87.4300, -23.4460



164.6240, 43.0020, 24.6500

Square

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



138.0890, -87.4300, -23.4460



164.3360, -8.8530, 22.7870



163.2530, 50.9360, 13.0160



155.5710, 4.6810, -24.2710

Rectangle

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



138.0890, -87.4300, -23.4460



154.5580, -54.0570, 5.0070



163.2530, 50.9360, 13.0160



159.7710, 36.7730, -11.1550

Sweetspot

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



138.0890, -87.4300, -23.4460



229.9510, -33.8350, -9.0590



132.6950, -47.4400, -76.4000



114.0020, -20.6770, -5.2290



0.0000, 0.0000, 0.0000



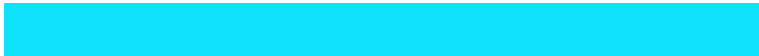
128.0000, -0.0000, -0.0000

Same Dimension

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



138.0890, -87.4300, -23.4460



164.6900, -135.0190, -36.5470



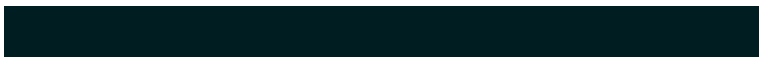
94.0640, -66.8050, 15.7790



93.4230, -5.6850, -1.5970



101.7080, -90.7310, -24.1950



20.7850, -18.5680, -4.9040

Inverse Universe

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



101.9630, 48.4030, 75.4670



108.6290, 74.3920, 116.6000



140.9360, 66.8050, -15.7790



91.0160, 3.0710, 4.9190



64.3270, 50.3740, 78.2940



13.1730, 10.3590, 16.0150

Previews

White Background



This preview shows how the YIQ color 138.0890, -87.4300, -23.4460 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 138.0890, -87.4300, -23.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

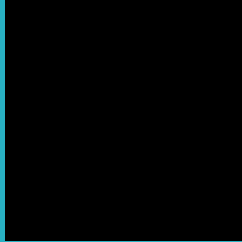
Any Text WCAG AA ✓ Pass

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 138.0890, -87.4300, -23.4460 Background



This preview shows how black text looks on a background with the YIQ color 138.0890, -87.4300, -23.4460.

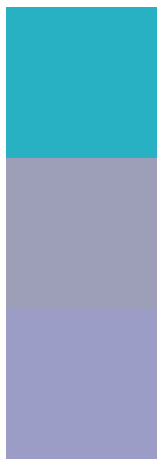


This preview shows how white text looks on a background with the YIQ color 138.0890, -87.4300, -23.4460.

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

138.0890, -87.4300, -23.4460

Protanopia

160.8390, -9.4920, 6.8280

Deuteranopia

161.4890, -14.0780, 12.8500



Tritanopia

137.4370, -88.5300, -25.5380

Trichromacy



Original Color

138.0890, -87.4300, -23.4460



Protanomaly

152.8460, -37.7330, -4.4930



Deuteranomaly

152.9260, -40.7140, -0.0260



Tritanomaly

137.8500, -88.2550, -25.0150

Monochromacy



Original Color

138.0890, -87.4300, -23.4460



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

137.8480, -32.0470, -8.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.0890, -87.4300, -23.4460 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(40, 177, 195)` looks like.

```
.text, #text, p{  
    color:rgb(40, 177, 195)  
}
```

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(40, 177, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 177, 195) }
```

Border

The CSS property to change the border of an element to YIQ 138.0890, -87.4300, -23.4460 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(40, 177, 195) }
```


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

```
.border{ border-color:rgb(40, 177, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 177, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 177, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 177, 195);  
box-shadow:4px 4px 4px 4px rgb(40, 177,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 138.0890, -87.4300, -23.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 177, 195) }
```

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

```
.background{ background-color: rgb(40, 177,  
195) }
```

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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