

Converting Colors

YIQ(132.0880, -85.6890,
-16.4490)

Have a look what the booklet for
YIQ(132.0880, -85.6890, -16.4490)
contains.

YIQ(132.0880, -85.6890, -16.4490)	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(132.0880, -85.6890,
-16.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	28A6C7
RGB	40, 166, 199
RGB Percent	16%, 65%, 78%
CMY	0.8434, 0.3488, 0.2200
CMYK	0.80, 0.17, 0.00, 0.22
HSL	192°, 67%, 47%
HSV	192°, 80%, 78%
XYZ	24.8161, 31.8606, 58.8179
YIQ	132.0880, -85.6890, -16.4490

Conversions

Conversions Part 2

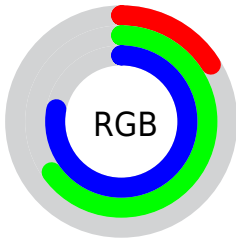
Format	Color
R _Y B	40, 110, 199
Decimal	2664135
CIE Lab	63.23, -21.93, -26.29
CIE LCh	63, 34.230, 230.167
Yxy	31.8606, 0.2149, 0.2759
Android (android.graphics.Color)	4280854215 (0xFF28A6C7)
YUV	132.0880, 32.9876, -80.7612
Hunter-Lab	56.4452, -20.3015, -22.2706

Details

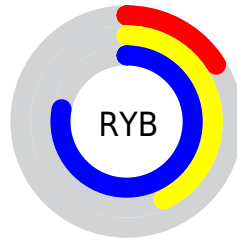
The YIQ color **132.0880, -85.6890, -16.4490** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **106.9120, 85.6890, 16.4490**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.2850, -75.8780, -12.5340**, and **83.4480, -77.8950, -14.5270** is the 20% darker color. If you saturate the color by 10%, you get **123.7600, -96.5090, -18.5970**, and if you desaturate by 10%, it is **140.4160, -74.8690, -14.3010**.

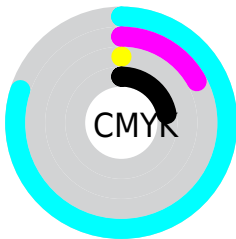
Distribution



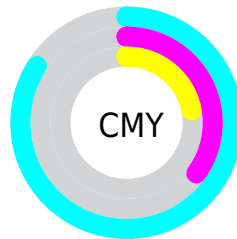
- Red (16%)
- Green (65%)
- Blue (78%)



- Red (16%)
- Yellow (43%)
- Blue (78%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.0880, -85.6890, -16.4490 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 132.0880, -85.6890, -16.4490 by changing the saturation by 10% instead.

■ 132.0880,
-85.6890, -16.4490

■ 132.0880,
-85.6890, -16.4490

■ 255.0000, -0.0000,
-0.0000

■ 101.7880,
-93.7120, -19.7280

■ 192.2850,
-75.8780, -12.5340

■ 83.4480, -77.8950,
-14.5270

■ 218.5770,
-65.3770, -21.1290

■ 65.8090, -62.6740,
-9.5380

■ 230.4820,
-48.8720, -17.3840

■ 49.4580, -48.3240,
-5.2840

■ 239.7510,
-30.3960, -10.8120

■ 33.2210, -34.2950,
-0.7190

■ 248.7210,
-12.5160, -4.4520

■ 18.3860, -21.4580,
3.4220

■ 3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 132.0880,
-85.6890, -16.4490

■ 132.0880,
-85.6890, -16.4490

■ 123.7600,
-96.5090, -18.5970

■ 140.4160,
-74.8690, -14.3010

■ 115.4320,
-107.3290, -20.7450

■ 148.7440,
-64.0490, -12.1530

■ 157.0720,
-53.2290, -10.0050

■ 165.4000,
-42.4090, -7.8570

■ 174.0160,
-32.4600, -6.4440

■ 182.3440,
-21.6400, -4.2960

■ 190.6720,
-10.8200, -2.1480

■ 199.0000, -0.0000,
0.0000

■ 207.3280, 10.8200,
2.1480

Harmonies

Analogous

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



129.6890, -80.5520, -26.9520



132.0880, -85.6890, -16.4490



145.1230, -57.2660, 2.5900

Triad

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



132.0880, -85.6890, -16.4490



156.6000, 34.3820, 26.6860



149.0240, 16.6470, -20.8650

Complementary

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



132.0880, -85.6890, -16.4490



106.9120, 85.6890, 16.4490

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.



151.8960, 37.9190, -9.8970



132.0880, -85.6890, -16.4490



155.2730, 48.1840, 18.8400

Square

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



132.0880, -85.6890, -16.4490



157.3120, 8.8900, 26.1220



153.6130, 49.5620, 4.8740



145.0190, -11.3200, -26.1360

Rectangle

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



132.0880, -85.6890, -16.4490



151.7670, -35.3520, 12.9360



153.6130, 49.5620, 4.8740



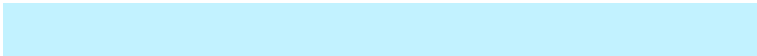
150.2100, 24.9910, -17.8970

Sweetspot

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



132.0880, -85.6890, -16.4490



229.1300, -32.7810, -6.1330



136.9810, -53.9970, -73.2050



112.2410, -19.8520, -3.6600



0.0000, 0.0000, 0.0000



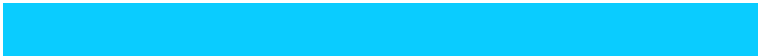
128.0000, -0.0000, -0.0000

Same Dimension

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



132.0880, -85.6890, -16.4490



151.8080, -131.9950, -25.2670



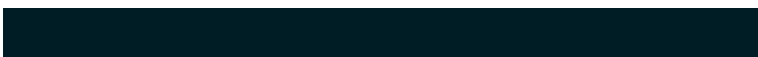
86.3020, -64.2390, 24.3450



95.1350, -4.8140, -0.8620



94.3050, -87.7980, -16.7740



20.5400, -19.2560, -3.4480

Inverse Universe

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



101.9050, 54.3180, 72.8940



105.3710, 83.7460, 112.2740



152.6980, 64.2390, -24.3450



93.4890, 3.1170, 4.0850



63.4430, 55.7390, 74.6750



13.9560, 12.4680, 16.3400

Previews

White Background



This preview shows how the YIQ color 132.0880, -85.6890, -16.4490 looks on a white background.

Color Contrast Check

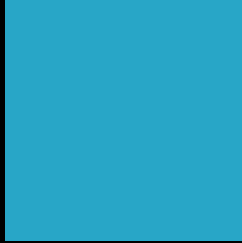
Large Text (above 18pt) WCAG AA × Fail

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 132.0880, -85.6890, -16.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

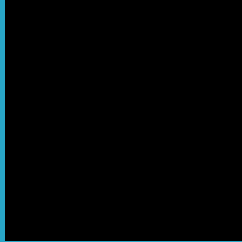
Any Text WCAG AA ✓ Pass

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 132.0880, -85.6890, -16.4490 Background



This preview shows how black text looks on a background with the YIQ color 132.0880, -85.6890, -16.4490.



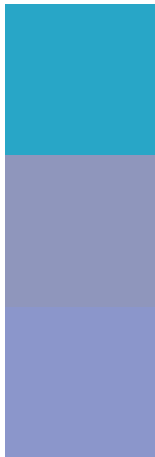
This preview shows how white text looks on a background with the YIQ color 132.0880, -85.6890, -16.4490.

-16.4490.

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

132.0880, -85.6890, -16.4490

Protanopia

152.2390, -16.3700, 10.3340

Deuteranopia

152.7530, -23.5690, 14.1510



Tritanopia

125.1480, -95.0860, -27.8700

Trichromacy



Original Color

132.0880, -85.6890, -16.4490

Protanomaly

145.1540, -41.3560, 0.5960

Deuteranomaly

145.3970, -46.3540, 3.0700

Tritanomaly

127.6370, -91.9690, -23.7850

Monochromacy



Original Color

132.0880, -85.6890, -16.4490

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.9130, -30.6720, -5.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.0880, -85.6890, -16.4490 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, 166, 199)` looks like.

```
.text, #text, p{  
    color:rgb(40, 166, 199)  
}
```

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, 166, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 166, 199) }
```

Border

The CSS property to change the border of an element to YIQ 132.0880, -85.6890, -16.4490 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, 166, 199) }
```


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

```
.border{ border-color:rgb(40, 166, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 166, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 166, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 166, 199);  
box-shadow:4px 4px 4px 4px rgb(40, 166,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 132.0880, -85.6890, -16.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 166, 199) }
```

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

```
.background{ background-color: rgb(40, 166,  
199) }
```

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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