

Converting Colors

YIQ(188.9730, -32.0420,
-36.0580)

Have a look what the booklet for
YIQ(188.9730, -32.0420, -36.0580)
contains.

YIQ(188.9730, -32.0420, -36.0580)	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(188.9730, -32.0420,
-36.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	88DDA3
RGB	136, 221, 163
RGB Percent	53%, 87%, 64%
CMY	0.4669, 0.1332, 0.3609
CMYK	0.38, 0.00, 0.26, 0.13
HSL	139°, 56%, 70%
HSV	139°, 38%, 87%
XYZ	42.6183, 59.6044, 43.8991
YIQ	188.9730, -32.0420, -36.0580

Conversions

Conversions Part 2

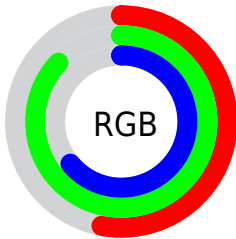
Format	Color
RYB	136, 201, 221
Decimal	8969635
CIELab	81.62, -38.09, 20.56
CIELCh	82, 43.287, 151.635
Yxy	59.6044, 0.2917, 0.4079
Android (android.graphics.Color)	4287159715 (0xFF88DDA3)
YUV	188.9730, -12.8047, -46.4573
Hunter-Lab	77.2039, -36.5708, 20.3297

Details

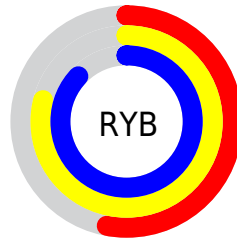
The YIQ color **188.9730, -32.0420, -36.0580** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **168.0270, 32.0420, 36.0580**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.9450, -25.6710, -24.8630**, and **133.7280, -32.7300, -34.6020** is the 20% darker color. If you saturate the color by 10%, you get **180.6850, -40.3390, -45.3870**, and if you desaturate by 10%, it is **197.2610, -23.7450, -26.7290**.

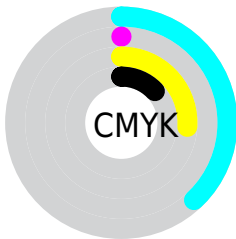
Distribution



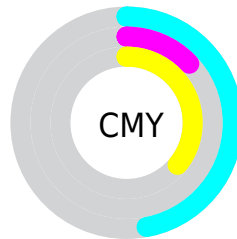
- Red (53%)
- Green (87%)
- Blue (64%)



- Red (53%)
- Yellow (79%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.9730, -32.0420, -36.0580 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 188.9730, -32.0420, -36.0580 by changing the saturation by 10% instead.

■ 188.9730,
-32.0420, -36.0580

■ 188.9730,
-32.0420, -36.0580

■ 255.0000, -0.0000,
-0.0000

■ 161.5000,
-32.0880, -35.2240

■ 231.9450,
-25.6710, -24.8630

■ 133.7280,
-32.7300, -34.6020

■ 243.9220,
-17.6960, -9.6960

■ 107.5430,
-33.6470, -34.5030

■ 253.5050, -2.9800,
-1.0600

■ 79.7920, -38.7820,
-35.0540

■ 56.2160, -37.0400,
-33.5840

■ 39.1470, -23.4240,
-27.0400

■ 24.0670, -11.2750,

-21.4430

■ 6.4570, -3.0250,
-5.7530

■ 0.0000, 0.0000,
0.0000

■ 188.9730,
-32.0420, -36.0580

■ 188.9730,
-32.0420, -36.0580

■ 180.6850,
-40.3390, -45.3870

■ 197.2610,
-23.7450, -26.7290

■ 172.3970,
-48.6360, -54.7160

■ 205.5490,
-15.4480, -17.4000

■ 164.1090,
-56.9330, -64.0450

■ 213.8370, -7.1510,
-8.0710

■ 155.8210,
-65.2300, -73.3740

■ 222.1250, 1.1460,
1.2580

■ 147.2340,
-74.1230, -82.9150

■ 230.4130, 9.4430,
10.5870

■ 138.8320,
-82.0990, -92.5550

■ 234.8140, 9.9920,
17.1600

■ 137.7070,
-83.2450, -93.8130

■ 235.0420, 9.3500,
17.7820

Harmonies

Analogous

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



195.3940, 9.3130, -31.1270



188.9730, -32.0420, -36.0580



178.9520, -80.2750, -37.4830

Triad

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



188.9730, -32.0420, -36.0580



193.9450, -50.8930, 2.7310



197.4380, 51.8530, 12.9170

Complementary

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



188.9730, -32.0420, -36.0580



168.0270, 32.0420, 36.0580

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.



199.6500, 40.1130, 27.4490



188.9730, -32.0420, -36.0580



204.5640, -9.4950, 23.4090

Square

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



188.9730, -32.0420, -36.0580



178.2760, -98.0220, -18.7100



208.3190, 25.3480, 36.2280



201.0620, 58.1830, -2.6890

Rectangle

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



188.9730, -32.0420, -36.0580



168.2870, -114.8910, -37.8910



208.3190, 25.3480, 36.2280



197.7460, 48.2300, 18.0060

Sweetspot

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



188.9730, -32.0420, -36.0580



243.3370, -11.7350, -13.1030



203.2370, 11.1930, -32.1590



121.1360, -6.5550, -7.8590



0.0000, 0.0000, 0.0000



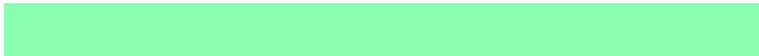
128.0000, -0.0000, -0.0000

Same Dimension

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



188.9730, -32.0420, -36.0580



210.8970, -44.0520, -49.6840



193.7610, -45.5240, -22.9960



105.7990, -3.9880, -4.8200



107.8210, -65.2300, -73.3740



28.7120, -17.4650, -19.3930

Inverse Universe

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



168.0270, 32.0420, 36.0580



182.1030, 44.0520, 49.6840



163.2390, 45.5240, 22.9960



103.0870, 4.3090, 4.5090



65.1790, 65.2300, 73.3740



17.2880, 17.4650, 19.3930

Previews

White Background



This preview shows how the YIQ color 188.9730, -32.0420, -36.0580 looks on a white background.

Color Contrast Check

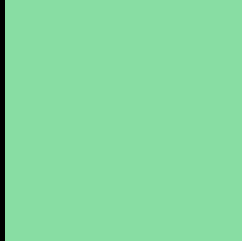
Large Text (above 18pt) WCAG AA × Fail

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 188.9730, -32.0420, -36.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

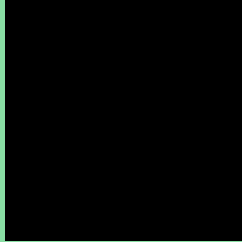
Any Text WCAG AA ✓ Pass

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 188.9730, -32.0420, -36.0580 Background



This preview shows how black text looks on a background with the YIQ color 188.9730, -32.0420, -36.0580.



This preview shows how white text looks on a background with the YIQ color 188.9730, -32.0420, -36.0580.

-36.0580.

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

188.9730, -32.0420, -36.0580

Protanopia

200.7140, 23.7520, -11.9600

Deuteranopia

202.8110, 31.2690, 0.4930



Tritanopia

195.4000, -42.4090, -7.8570

Trichromacy



Original Color

188.9730, -32.0420, -36.0580



Protanomaly

196.4940, 3.5800, -20.8360



Deuteranomaly

197.9880, 8.3010, -12.7790



Tritanomaly

192.9300, -38.5100, -17.9500

Monochromacy



Original Color

188.9730, -32.0420, -36.0580



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

189.3370, -11.7350, -13.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.9730, -32.0420, -36.0580 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(136, 221, 163)` looks like.

```
.text, #text, p{  
    color:rgb(136, 221, 163)  
}
```

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(136, 221, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 221, 163) }
```

Border

The CSS property to change the border of an element to YIQ 188.9730, -32.0420, -36.0580 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(136, 221, 163) }
```


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

```
.border{ border-color:rgb(136, 221, 163) }
```

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

Here you see how a box with a 4 pixel rgb(136, 221, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 221, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 221, 163);  
box-shadow:4px 4px 4px 4px rgb(136, 221,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 188.9730, -32.0420, -36.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 221, 163) }
```

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

```
.background{ background-color: rgb(136,  
221, 163) }
```

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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