

Converting Colors

YIQ(186.6890, 43.2360, -1.6280)

Have a look what the booklet for
YIQ(186.6890, 43.2360, -1.6280)
contains.

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Color

**YIQ(186.6890, 43.2360,
-1.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B088
RGB	227, 176, 136
RGB Percent	89%, 69%, 53%
CMY	0.1097, 0.3099, 0.4665
CMYK	0.00, 0.22, 0.40, 0.11
HSL	26°, 62%, 71%
HSV	26°, 40%, 89%
XYZ	51.6550, 49.1562, 30.0774
YIQ	186.6890, 43.2360, -1.6280

Conversions

Conversions Part 2

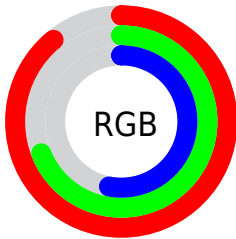
Format	Color
R_{YB}	227, 207, 136
Decimal	14921864
CIE _{Lab}	75.55, 13.43, 27.59
CIE _{LCh}	76, 30.682, 64.048
Yxy	49.1562, 0.3946, 0.3756
Android (android.graphics.Color)	4293111944 (0xFFE3B088)
YUV	186.6890, -24.9897, 35.3527
Hunter-Lab	70.1115, 8.8159, 23.6430

Details

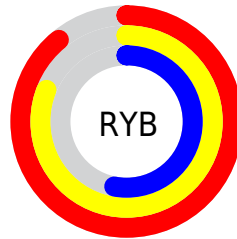
The YIQ color **186.6890, 43.2360, -1.6280** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **176.3110, -43.2360, 1.6280**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.0890, 27.1900, -8.1860**, and **132.8350, 39.8890, -1.5430** is the 20% darker color. If you saturate the color by 10%, you get **176.4360, 54.1940, -1.9820**, and if you desaturate by 10%, it is **196.9420, 32.2780, -1.2740**.

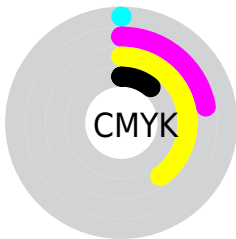
Distribution



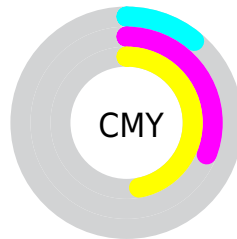
- Red (89%)
- Green (69%)
- Blue (53%)



- Red (89%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.6890, 43.2360, -1.6280 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 186.6890, 43.2360, -1.6280 by changing the saturation by 10% instead.


 186.6890, 43.2360,
-1.6280


 186.6890, 43.2360,
-1.6280


255.0000, -0.0000,
-0.0000


 159.2050, 41.7230,
-1.7410


 234.0890, 27.1900,
-8.1860


 132.8350, 39.8890,
-1.5430


 250.7820, 11.8770,
-11.5070

 107.0520, 37.7800,
-1.8680

 253.9740, 2.8890,
-2.7990

 82.9700, 35.0750,
-2.4050

 59.1870, 32.9660,
-2.7300

 36.7460, 29.8940,
-2.1220

 16.9440, 20.7690,

3.5610

■ 0.0000, 0.0000,
0.0000

■ 186.6890, 43.2360,
-1.6280

■ 186.6890, 43.2360,
-1.6280

■ 176.4360, 54.1940,
-1.9820

■ 196.9420, 32.2780,
-1.2740

■ 166.8840, 64.5560,
-2.5480

■ 206.4940, 21.9160,
-0.7080

■ 156.6310, 75.5140,
-2.9020

■ 216.7470, 10.9580,
-0.3540

■ 146.3780, 86.4720,
-3.2560

■ 227.0000, -0.0000,
-0.0000

■ 136.2390, 97.1090,
-3.2990

■ 237.2530,
-10.9580, 0.3540

■ 126.5730,
107.7920, -4.1760

■ 244.8670,
-15.8630, -4.3670

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



188.4590, 47.3600, 11.7440



186.6890, 43.2360, -1.6280



184.4000, 27.5120, -14.0240

Triad

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



186.6890, 43.2360, -1.6280



173.0100, -50.6590, -23.5470



188.7660, -7.2480, 21.2320

Complementary

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



186.6890, 43.2360, -1.6280



176.3110, -43.2360, 1.6280

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.



183.7020, -36.7270, 10.3210



186.6890, 43.2360, -1.6280



171.7280, -67.1200, -17.0720

Square

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



186.6890, 43.2360, -1.6280



177.2010, -23.5160, -25.3720



176.9390, -59.9240, -4.3080



190.8310, 20.4900, 25.1460

Rectangle

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



186.6890, 43.2360, -1.6280



181.8110, 12.9330, -19.6350



176.9390, -59.9240, -4.3080



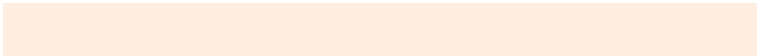
188.0960, -17.1050, 18.1510

Sweetspot

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



186.6890, 43.2360, -1.6280



241.4870, 14.6260, -0.7500



169.1370, 37.5440, 35.4640



119.4910, 8.8030, 0.1550



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.



186.6890, 43.2360, -1.6280



200.5890, 58.1370, -1.8550



213.1040, 30.8610, -25.1630



109.5230, 5.7770, -0.0710



99.3070, 85.2340, -2.8460



28.1630, 24.3460, -0.6940

Inverse Universe

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



176.3110, -43.2360, 1.6280



186.8240, -57.8620, 2.3780



149.8960, -30.8610, 25.1630



108.4770, -5.7770, 0.0710



79.1060, -84.9590, 3.3690



22.8370, -24.3460, 0.6940

Previews

White Background



This preview shows how the YIQ color 186.6890, 43.2360, -1.6280 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 186.6890, 43.2360, -1.6280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

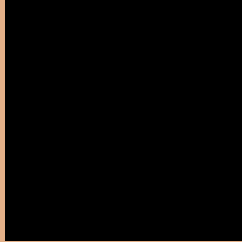
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.6890, 43.2360, -1.6280

Background



This preview shows how black text looks on a background with the YIQ color 186.6890, 43.2360, -1.6280.



This preview shows how white text looks on a background with the YIQ color 186.6890, 43.2360, -1.6280.

-1.6280.

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

186.6890, 43.2360, -1.6280

Protanopia

185.0560, 22.7890, -11.0270

Deuteranopia

186.6560, 38.8350, -4.4690



Tritanopia

190.0200, 32.7790, 17.1870

Trichromacy



Original Color

186.6890, 43.2360, -1.6280

Protanomaly

185.4700, 30.4910, -7.4370

Deuteranomaly

186.6670, 40.3020, -3.5220

Tritanomaly

188.6580, 36.4940, 10.4300

Monochromacy



Original Color

186.6890, 43.2360, -1.6280

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9710, 16.1390, -0.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.6890, 43.2360, -1.6280 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(227, 176, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 136)  
}
```

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(227, 176, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 136) }
```

Border

The CSS property to change the border of an element to YIQ 186.6890, 43.2360, -1.6280 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(227, 176, 136) }
```


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

```
.border{ border-color:rgb(227, 176, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 136);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 186.6890, 43.2360, -1.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 136) }
```

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

```
.background{ background-color: rgb(227,  
176, 136) }
```

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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