

Converting Colors

YIQ(185.5210, 43.6490, -3.6070)

Have a look what the booklet for
YIQ(185.5210, 43.6490, -3.6070)
contains.

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Color

**YIQ(185.5210, 43.6490,
-3.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B083
RGB	225, 176, 131
RGB Percent	88%, 69%, 51%
CMY	0.1176, 0.3099, 0.4861
CMYK	0.00, 0.22, 0.42, 0.12
HSL	29°, 61%, 70%
HSV	29°, 42%, 88%
XYZ	50.6800, 48.6939, 28.2193
YIQ	185.5210, 43.6490, -3.6070

Conversions

Conversions Part 2

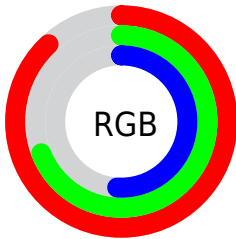
Format	Color
R _Y B	225, 217, 131
Decimal	14790787
CIE Lab	75.26, 12.08, 29.83
CIE LCh	75, 32.186, 67.947
Yxy	48.6939, 0.3972, 0.3816
Android (android.graphics.Color)	4292980867 (0xFFE1B083)
YUV	185.5210, -26.8789, 34.6231
Hunter-Lab	69.7810, 7.5229, 24.8699

Details

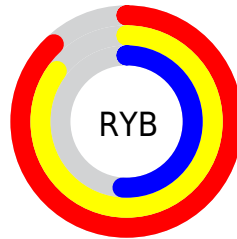
The YIQ color **185.5210, 43.6490, -3.6070** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **170.4790, -43.6490, 3.6070**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.4050, 29.1160, -10.0520**, and **131.6670, 40.3020, -3.5220** is the 20% darker color. If you saturate the color by 10%, you get **175.9690, 54.0110, -4.1730**, and if you desaturate by 10%, it is **195.1870, 32.9660, -2.7300**.

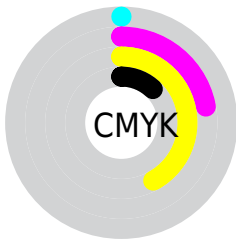
Distribution



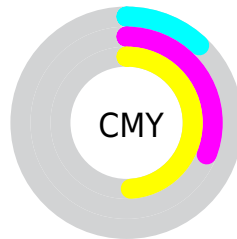
- Red (88%)
- Green (69%)
- Blue (51%)



- Red (88%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (42%)
- Black (12%)





- Cyan (12%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.5210, 43.6490, -3.6070 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 185.5210, 43.6490, -3.6070 by changing the saturation by 10% instead.


 185.5210, 43.6490,
-3.6070


 185.5210, 43.6490,
-3.6070


255.0000, -0.0000,
-0.0000


 158.1510, 41.8150,
-3.4090


 233.4050, 29.1160,
-10.0520


 131.6670, 40.3020,
-3.5220


 250.0980, 13.8030,
-13.3730

 106.4710, 37.9180,
-4.3700

 253.4040, 4.4940,
-4.3540

 81.8020, 35.4880,
-4.3840

 58.0190, 33.3790,
-4.7090

 36.7350, 28.4270,
-3.0690

 16.3460, 19.5770,

3.1370

■ 0.0000, 0.0000,
0.0000

■ 185.5210, 43.6490,
-3.6070

■ 185.5210, 43.6490,
-3.6070

■ 175.9690, 54.0110,
-4.1730

■ 195.1870, 32.9660,
-2.7300

■ 166.3030, 64.6940,
-5.0500

■ 204.1520, 22.8790,
-1.6410

■ 157.3380, 74.7810,
-6.1390

■ 213.8180, 12.1960,
-0.7640

■ 147.6720, 85.4640,
-7.0160

■ 223.3700, 1.8340,
-0.1980

■ 138.1200, 95.8260,
-7.5820

■ 233.0360, -8.8490,
0.6790

■ 130.6710,
104.4000, -8.7840

■ 240.7470,
-15.4050, -1.6530

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



187.4870, 50.1570, 10.6130



185.5210, 43.6490, -3.6070



182.7480, 26.4120, -16.1160

Triad

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



185.5210, 43.6490, -3.6070



170.3620, -57.5820, -24.7340



188.9730, -3.3970, 23.0270

Complementary

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



185.5210, 43.6490, -3.6070



170.4790, -43.6490, 3.6070

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.



183.6530, -35.0310, 12.6250



185.5210, 43.6490, -3.6070



169.5040, -72.3010, -16.7890

Square

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



185.5210, 43.6490, -3.6070



175.0370, -28.9260, -26.4460



175.6230, -61.8500, -2.4420



189.9240, 24.6620, 26.6300

Rectangle

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



185.5210, 43.6490, -3.6070



180.6750, 10.3200, -21.8400



175.6230, -61.8500, -2.4420



187.5310, -13.8960, 20.5680

Sweetspot

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



185.5210, 43.6490, -3.6070



241.2590, 15.2680, -1.3720



164.8060, 39.9740, 35.4780



119.1490, 9.7660, -0.7780



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.



185.5210, 43.6490, -3.6070



201.1930, 59.1920, -4.4560



212.5230, 30.9990, -27.6650



107.2240, 5.1810, -0.2830



101.9320, 81.7960, -6.6200



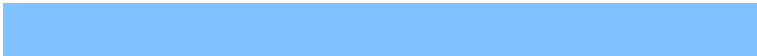
27.8530, 22.2830, -1.8530

Inverse Universe

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



170.4790, -43.6490, 3.6070



181.2200, -58.9170, 4.9790



143.4770, -30.9990, 27.6650



105.7760, -5.1810, 0.2830



74.0680, -81.7960, 6.6200



20.1470, -22.2830, 1.8530

Previews

White Background



This preview shows how the YIQ color 185.5210, 43.6490, -3.6070 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 185.5210, 43.6490, -3.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

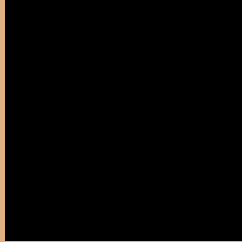
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.5210, 43.6490, -3.6070

Background



This preview shows how black text looks on a background with the YIQ color 185.5210, 43.6490, -3.6070.



This preview shows how white text looks on a background with the YIQ color 185.5210, 43.6490, -3.6070.

-3.6070.

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

185.5210, 43.6490, -3.6070

Protanopia

183.4860, 24.3940, -12.5820

Deuteranopia

185.4990, 40.7150, -5.5010



Tritanopia

188.7210, 32.1830, 16.9750

Trichromacy



Original Color

185.5210, 43.6490, -3.6070

Protanomaly

184.3020, 30.9040, -9.4160

Deuteranomaly

185.2110, 41.5860, -4.7660

Tritanomaly

187.7180, 36.2650, 9.0730

Monochromacy



Original Color

185.5210, 43.6490, -3.6070

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.5580, 15.8640, -1.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.5210, 43.6490, -3.6070 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(225, 176, 131)` looks like.

```
.text, #text, p{  
    color:rgb(225, 176, 131)  
}
```

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(225, 176, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 176, 131) }
```

Border

The CSS property to change the border of an element to YIQ 185.5210, 43.6490, -3.6070 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(225, 176, 131) }
```


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

```
.border{ border-color:rgb(225, 176, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 176, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 176, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 176, 131);  
box-shadow:4px 4px 4px 4px rgb(225, 176,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 185.5210, 43.6490, -3.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 176, 131) }
```

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

```
.background{ background-color: rgb(225,  
176, 131) }
```

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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