

Converting Colors

YIQ(186.6240, 41.8610, -4.2430)

Have a look what the booklet for
YIQ(186.6240, 41.8610, -4.2430)
contains.

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Color

**YIQ(186.6240, 41.8610,
-4.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B285
RGB	224, 178, 133
RGB Percent	88%, 70%, 52%
CMY	0.1215, 0.3020, 0.4782
CMYK	0.00, 0.21, 0.41, 0.12
HSL	30°, 59%, 70%
HSV	30°, 41%, 88%
XYZ	50.9006, 49.3785, 29.0571
YIQ	186.6240, 41.8610, -4.2430

Conversions

Conversions Part 2

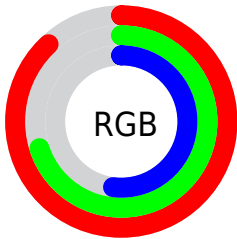
Format	Color
R_{YB}	224, 222, 133
Decimal	14725765
CIE _{Lab}	75.69, 10.84, 29.32
CIE _{LCh}	76, 31.255, 69.712
Yxy	49.3785, 0.3936, 0.3818
Android (android.graphics.Color)	4292915845 (0xFFE0B285)
YUV	186.6240, -26.4366, 32.7788
Hunter-Lab	70.2699, 6.3258, 24.6720

Details

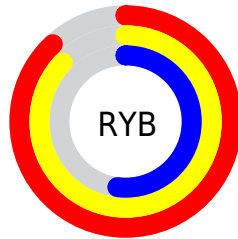
The YIQ color **186.6240, 41.8610, -4.2430** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **170.3760, -41.8610, 4.2430**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.9210, 27.6030, -10.1650**, and **132.7700, 38.5140, -4.1580** is the 20% darker color. If you saturate the color by 10%, you get **177.6590, 51.9480, -5.3320**, and if you desaturate by 10%, it is **195.5890, 31.7740, -3.1540**.

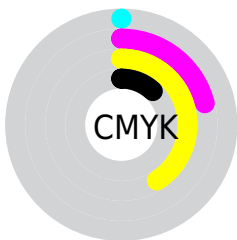
Distribution



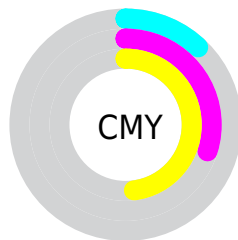
- Red (88%)
- Green (70%)
- Blue (52%)



- Red (88%)
- Yellow (87%)
- Blue (52%)



- Cyan (0%)
- Magenta (21%)
- Yellow (41%)
- Black (12%)





- Cyan (12%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.6240, 41.8610, -4.2430 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 186.6240, 41.8610, -4.2430 by changing the saturation by 10% instead.


 186.6240, 41.8610,
-4.2430


 186.6240, 41.8610,
-4.2430


255.0000, -0.0000,
-0.0000


 159.2540, 40.0270,
-4.0450


 234.9210, 27.6030,
-10.1650


 132.7700, 38.5140,
-4.1580


 250.3260, 13.1610,
-12.7510

 106.9870, 36.4050,
-4.4830

 253.6320, 3.8520,
-3.7320

 82.6170, 34.5710,
-4.2850

 59.0080, 31.9120,
-5.6560

 37.3220, 28.1520,
-3.5920

 17.5200, 19.0270,

2.0910

■ 0.0000, 0.0000,
0.0000

■ 186.6240, 41.8610,
-4.2430

■ 186.6240, 41.8610,
-4.2430

■ 177.6590, 51.9480,
-5.3320

■ 195.5890, 31.7740,
-3.1540

■ 167.9930, 62.6310,
-6.2090

■ 205.2550, 21.0910,
-2.2770

■ 159.0280, 72.7180,
-7.2980

■ 214.2200, 11.0040,
-1.1880

■ 149.9490, 83.1260,
-8.6980

■ 223.2990, 0.5960,
0.2120

■ 140.3970, 93.4880,
-9.2640

■ 232.8510, -9.7660,
0.7780

■ 132.1330,
102.9790, -10.5650

■ 240.4480,
-16.0010, -1.8650

■ 245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



188.4760, 48.6900, 9.6660



186.6240, 41.8610, -4.2430



184.2640, 24.8990, -16.2290

Triad

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



186.6240, 41.8610, -4.2430



172.4870, -56.4360, -23.4760



190.3430, -1.5630, 22.8290

Complementary

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



186.6240, 41.8610, -4.2430



170.3760, -41.8610, 4.2430

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.



185.6210, -32.0050, 12.8510



186.6240, 41.8610, -4.2430



171.9990, -69.3210, -15.7290

Square

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



186.6240, 41.8610, -4.2430



176.3790, -29.8890, -25.5130



178.3030, -57.9530, -1.4810



191.2830, 25.0290, 25.4850

Rectangle

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



186.6240, 41.8610, -4.2430



181.7180, 8.7610, -21.1190



178.3030, -57.9530, -1.4810



188.7870, -11.7410, 20.0590

Sweetspot

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



186.6240, 41.8610, -4.2430



242.6610, 14.0760, -1.7960



165.5670, 39.1490, 33.9090



120.0780, 8.5280, -0.3680



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.



186.6240, 41.8610, -4.2430



203.7690, 57.4500, -5.9260



213.0390, 29.4860, -27.7780



107.8110, 4.9060, -0.8060



103.6930, 80.9710, -8.1890



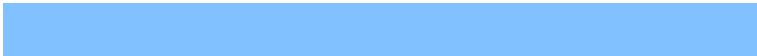
28.4400, 22.0080, -2.3760

Inverse Universe

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



170.3760, -41.8610, 4.2430



181.2310, -57.4500, 5.9260



144.5480, -29.7610, 27.2550



105.7760, -5.1810, 0.2830



72.3070, -80.9710, 8.1890



20.1470, -22.2830, 1.8530

Previews

White Background



This preview shows how the YIQ color 186.6240, 41.8610, -4.2430 looks on a white background.

Color Contrast Check

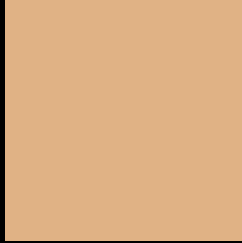
Large Text (above 18pt) WCAG AA × Fail

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 186.6240, 41.8610, -4.2430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

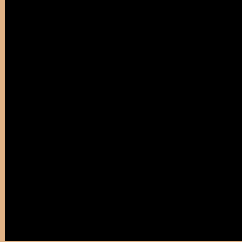
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.6240, 41.8610, -4.2430

Background



This preview shows how black text looks on a background with the YIQ color 186.6240, 41.8610, -4.2430.



This preview shows how white text looks on a background with the YIQ color 186.6240, 41.8610,

-4.2430.

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

186.6240, 41.8610, -4.2430

Protanopia

185.4860, 24.3940, -12.5820

Deuteranopia

186.6130, 40.3940, -5.1900



Tritanopia

189.8240, 30.3950, 16.3390

Trichromacy



Original Color

186.6240, 41.8610, -4.2430

Protanomaly

186.0030, 30.3080, -9.6280

Deuteranomaly

186.9120, 40.9900, -4.9780

Tritanomaly

188.8210, 34.4770, 8.4370

Monochromacy



Original Color

186.6240, 41.8610, -4.2430

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.8460, 14.9930, -1.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.6240, 41.8610, -4.2430 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(224, 178, 133)` looks like.

```
.text, #text, p{  
    color:rgb(224, 178, 133)  
}
```

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(224, 178, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 178, 133) }
```

Border

The CSS property to change the border of an element to YIQ 186.6240, 41.8610, -4.2430 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(224, 178, 133) }
```


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

```
.border{ border-color:rgb(224, 178, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 178, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 178, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 178, 133);  
box-shadow:4px 4px 4px 4px rgb(224, 178,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 186.6240, 41.8610, -4.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 178, 133) }
```

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

```
.background{ background-color: rgb(224,  
178, 133) }
```

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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