

Converting Colors

YIQ(186.1630, 41.5410, -9.4590)

Have a look what the booklet for
YIQ(186.1630, 41.5410, -9.4590)
contains.

YIQ(186.1630, 41.5410, -9.4590)	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(186.1630, 41.5410,
-9.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB57C
RGB	220, 181, 124
RGB Percent	86%, 71%, 49%
CMY	0.1372, 0.2902, 0.5135
CMYK	0.00, 0.18, 0.44, 0.14
HSL	36°, 58%, 67%
HSV	36°, 44%, 86%
XYZ	49.6816, 49.7155, 26.0640
YIQ	186.1630, 41.5410, -9.4590

Conversions

Conversions Part 2

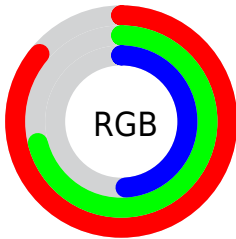
Format	Color
R_{YB}	190, 220, 124
Decimal	14464380
CIE _{Lab}	75.89, 6.67, 34.26
CIE _{LCh}	76, 34.901, 78.978
Yxy	49.7155, 0.3960, 0.3963
Android (android.graphics.Color)	4292654460 (0xFFDCB57C)
YUV	186.1630, -30.6464, 29.6750
Hunter-Lab	70.5092, 2.3819, 27.4397

Details

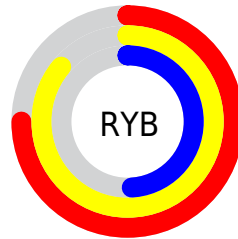
The YIQ color **186.1630, 41.5410, -9.4590** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **157.8370, -41.5410, 9.4590**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.5420, 29.9880, -14.8440**, and **132.3090, 38.1940, -9.3740** is the 20% darker color. If you saturate the color by 10%, you get **178.3720, 51.0780, -11.5940**, and if you desaturate by 10%, it is **193.9540, 32.0040, -7.3240**.

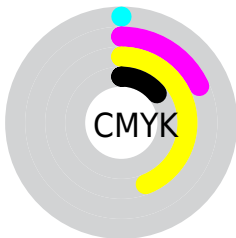
Distribution



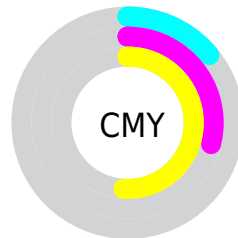
- Red (86%)
- Green (71%)
- Blue (49%)



- Red (75%)
- Yellow (86%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (14%)



- Cyan (14%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.1630, 41.5410, -9.4590 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 186.1630, 41.5410, -9.4590 by changing the saturation by 10% instead.

■ 186.1630, 41.5410,
-9.4590

■ 186.1630, 41.5410,
-9.4590

255.0000, -0.0000,
-0.0000

■ 158.7930, 39.7070,
-9.2610

■ 235.5420, 29.9880,
-14.8440

■ 132.3090, 38.1940,
-9.3740

■ 249.3000, 16.0500,
-15.5500

■ 106.8250, 36.6810,
-9.4870

■ 252.4920, 7.0620,
-6.8420

■ 82.0420, 34.5720,
-9.8120

■ 58.6180, 32.8300,
-11.2820

■ 37.8870, 24.9430,
-6.0090

■ 18.6720, 15.5430,

-0.8490

■ 0.0000, 0.0000,
0.0000

■ 186.1630, 41.5410,
-9.4590

■ 186.1630, 41.5410,
-9.4590

■ 178.3720, 51.0780,
-11.5940

■ 193.9540, 32.0040,
-7.3240

■ 170.5810, 60.6150,
-13.7290

■ 201.7450, 22.4670,
-5.1890

■ 162.7900, 70.1520,
-15.8640

■ 209.5360, 12.9300,
-3.0540

■ 154.9990, 79.6890,
-17.9990

■ 217.3270, 3.3930,
-0.9190

■ 147.2080, 89.2260,
-20.1340

■ 225.1180, -6.1440,
1.2160

■ 142.6770, 95.0950,
-21.8730

■ 232.7950,
-15.3600, 3.0400

■ 238.0780,
-17.8350, -1.6670

■ 243.3610,
-20.3100, -6.3740

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



188.1080, 52.5420, 5.9340



186.1630, 41.5410, -9.4590



183.1660, 19.1230, -21.6850

Triad

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



186.1630, 41.5410, -9.4590



168.1520, -74.5460, -25.6660



191.7680, 7.6060, 27.3660

Complementary

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



186.1630, 41.5410, -9.4590



157.8370, -41.5410, 9.4590

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.



188.0180, -25.6330, 18.5190



186.1630, 41.5410, -9.4590



169.8930, -80.6460, -14.2300

Square

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



186.1630, 41.5410, -9.4590



173.3710, -44.6060, -28.6220



179.7530, -59.1000, 2.7880



191.7250, 35.5280, 27.9440

Rectangle

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



186.1630, 41.5410, -9.4590



180.1790, -0.0870, -25.9670



179.7530, -59.1000, 2.7880



190.7390, -2.6180, 25.4300

Sweetspot

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



186.1630, 41.5410, -9.4590



243.6070, 14.1680, -3.4640



157.2640, 44.3760, 32.7920



120.3230, 9.2160, -1.8240



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.



186.1630, 41.5410, -9.4590



208.1400, 57.5430, -13.1210



206.6640, 26.0480, -31.5520



105.8110, 4.9060, -0.8060



112.1880, 74.7830, -17.1930



29.6030, 19.9910, -4.3690

Inverse Universe

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



157.8370, -41.5410, 9.4590



168.8600, -57.5430, 13.1210



137.3360, -26.0480, 31.5520



102.6020, -4.6310, 1.3290



61.3990, -75.0580, 16.6700



16.3970, -19.9910, 4.3690

Previews

White Background



This preview shows how the YIQ color 186.1630, 41.5410, -9.4590 looks on a white background.

Color Contrast Check

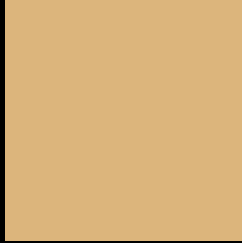
Large Text (above 18pt) WCAG AA × Fail

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 186.1630, 41.5410, -9.4590 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 186.1630, 41.5410, -9.4590

Background



This preview shows how black text looks on a background with the YIQ color 186.1630, 41.5410, -9.4590.



This preview shows how white text looks on a background with the YIQ color 186.1630, 41.5410, -9.4590.

-9.4590.

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

186.1630, 41.5410, -9.4590

Protanopia

184.9440, 28.7960, -15.2680

Deuteranopia

186.4840, 45.0710, -7.3530



Tritanopia

190.3290, 27.4150, 15.2790

Trichromacy



Original Color

186.1630, 41.5410, -9.4590

Protanomaly

185.4500, 33.2430, -13.2610

Deuteranomaly

186.4730, 43.6040, -8.3000

Tritanomaly

188.8700, 32.7810, 6.1330

Monochromacy



Original Color

186.1630, 41.5410, -9.4590

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.7920, 15.0850, -3.5630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.1630, 41.5410, -9.4590 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(220, 181, 124)` looks like.

```
.text, #text, p{  
    color:rgb(220, 181, 124)  
}
```

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(220, 181, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 181, 124) }
```

Border

The CSS property to change the border of an element to YIQ 186.1630, 41.5410, -9.4590 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(220, 181, 124) }
```


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

```
.border{ border-color:rgb(220, 181, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 181, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 181, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 181, 124);  
box-shadow:4px 4px 4px 4px rgb(220, 181,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 186.1630, 41.5410, -9.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 181, 124) }
```

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

```
.background{ background-color: rgb(220,  
181, 124) }
```

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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