

Converting Colors

YIQ(187.0830, 36.4950, 4.9030)

Have a look what the booklet for
YIQ(187.0830, 36.4950, 4.9030)
contains.

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Color

**YIQ(187.0830, 36.4950,
4.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AE9B
RGB	225, 174, 155
RGB Percent	88%, 68%, 61%
CMY	0.1175, 0.3177, 0.3920
CMYK	0.00, 0.23, 0.31, 0.12
HSL	16°, 54%, 75%
HSV	16°, 31%, 88%
XYZ	52.1118, 48.6438, 37.6709
YIQ	187.0830, 36.4950, 4.9030

Conversions

Conversions Part 2

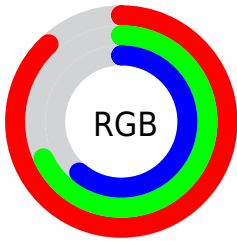
Format	Color
R _Y B	225, 181, 155
Decimal	14790299
CIE Lab	75.23, 16.00, 16.89
CIE LCh	75, 23.265, 46.542
Yxy	48.6438, 0.3765, 0.3514
Android (android.graphics.Color)	4292980379 (0xFFE1AE9B)
YUV	187.0830, -15.8169, 33.2532
Hunter-Lab	69.7451, 11.3168, 16.7977

Details

The YIQ color **187.0830, 36.4950, 4.9030** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **192.9170, -36.4950, -4.9030**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.0810, 21.6410, -1.2310**, and **133.1150, 33.4690, 4.6770** is the 20% darker color. If you saturate the color by 10%, you get **175.1830, 47.9570, 6.4290**, and if you desaturate by 10%, it is **199.0970, 24.7120, 3.6880**.

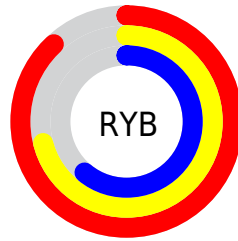
Distribution



Red (88%)

Green (68%)

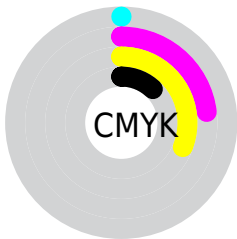
Blue (61%)



Red (88%)

Yellow (71%)

Blue (61%)

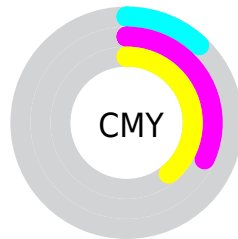


Cyan (0%)

Magenta (23%)

Yellow (31%)

Black (12%)



Cyan (12%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.0830, 36.4950, 4.9030 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 187.0830, 36.4950, 4.9030 by changing the saturation by 10% instead.


 187.0830, 36.4950,
4.9030


 187.0830, 36.4950,
4.9030


255.0000, -0.0000,
-0.0000


 159.5990, 34.9820,
4.7900


 235.1950, 21.3200,
-0.9200


 133.1150, 33.4690,
4.6770

 253.0620, 5.4570,
-5.2870

 107.6310, 31.9560,
4.5640

 83.7340, 30.1680,
3.9280

 59.9510, 28.0590,
3.6030

 37.1680, 25.9500,
3.2780

 15.7810, 22.7860,

5.5540

■ 0.0000, 0.0000,
0.0000

■ 187.0830, 36.4950,
4.9030

■ 187.0830, 36.4950,
4.9030

■ 175.1830, 47.9570,
6.4290

■ 199.0970, 24.7120,
3.6880

■ 162.5820, 60.0150,
8.1670

■ 211.5840, 12.9750,
1.6390

■ 150.6820, 71.4770,
9.6930

■ 223.5980, 1.1920,
0.4240

■ 138.0810, 83.5350,
11.4310

■ 236.0850,
-10.5450, -1.6250

■ 126.1810, 94.9970,
12.9570

■ 246.0300,
-17.8800, -6.3600

■ 114.1670,
106.7800, 14.1720

■ 103.0820,
117.3250, 15.7970

Harmonies

Analogous

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



188.3960, 34.4760, 13.9640



187.0830, 36.4950, 4.9030



185.4530, 29.1610, -5.3590

Triad

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



187.0830, 36.4950, 4.9030



178.0470, -25.7180, -18.5020



185.8090, -17.9750, 11.8890

Complementary

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



187.0830, 36.4950, 4.9030



192.9170, -36.4950, -4.9030

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.



181.5460, -36.5880, 2.2920



187.0830, 36.4950, 4.9030



176.0700, -41.7200, -14.8400

Square

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



187.0830, 36.4950, 4.9030



180.2960, -4.4900, -17.7540



177.3610, -46.6730, -7.6730



188.5190, 3.5730, 17.8530

Rectangle

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



187.0830, 36.4950, 4.9030



183.8000, 20.6340, -10.5180



177.3610, -46.6730, -7.6730



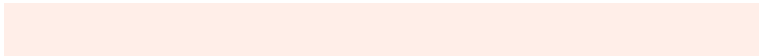
184.6940, -25.0810, 8.5110

Sweetspot

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



187.0830, 36.4950, 4.9030



242.3990, 12.0580, 1.7380



181.7440, 25.3490, 30.7010



119.8330, 7.8400, 1.0880



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.



187.0830, 36.4950, 4.9030



203.7810, 49.1490, 6.8530



207.6280, 26.8700, -13.4020



106.0500, 5.7310, 0.7630



80.8000, 91.6960, 12.2080



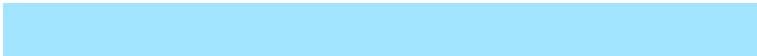
21.9830, 25.0330, 3.3770

Inverse Universe

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



192.9170, -36.4950, -4.9030



211.6320, -48.8740, -6.3300



172.3720, -26.8700, 13.4020



106.9500, -5.7310, -0.7630



95.2000, -91.6960, -12.2080



26.0170, -25.0330, -3.3770

Previews

White Background



This preview shows how the YIQ color 187.0830, 36.4950, 4.9030 looks on a white background.

Color Contrast Check

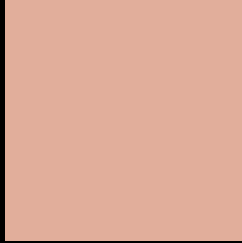
Large Text (above 18pt) WCAG AA × Fail

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 187.0830, 36.4950, 4.9030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

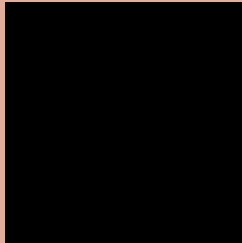
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.0830, 36.4950, 4.9030

Background



This preview shows how black text looks on a background with the YIQ color 187.0830, 36.4950, 4.9030.



This preview shows how white text looks on a background with the YIQ color 187.0830, 36.4950,

4.9030.

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

187.0830, 36.4950, 4.9030

Protanopia

185.2540, 13.6640, -5.3440

Deuteranopia

186.0280, 29.1600, 0.1680



Tritanopia

188.8240, 30.3950, 16.3390

Trichromacy



Original Color

187.0830, 36.4950, 4.9030

Protanomaly

185.9670, 21.9620, -1.5420

Deuteranomaly

186.6370, 31.8190, 1.5390

Tritanomaly

187.9720, 32.7340, 12.4940

Monochromacy



Original Color

187.0830, 36.4950, 4.9030

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.8830, 13.5710, 1.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0830, 36.4950, 4.9030 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, 174, 155)` looks like.

```
.text, #text, p{  
    color:rgb(225, 174, 155)  
}
```

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, 174, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 174, 155) }
```

Border

The CSS property to change the border of an element to YIQ 187.0830, 36.4950, 4.9030 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, 174, 155) }
```


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

```
.border{ border-color:rgb(225, 174, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 174, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 174, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 174, 155);  
box-shadow:4px 4px 4px 4px rgb(225, 174,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0830, 36.4950, 4.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 174, 155) }
```

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

```
.background{ background-color: rgb(225,  
174, 155) }
```

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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