

Converting Colors

YIQ(187.9940, 26.5000, 4.3240)

Have a look what the booklet for
YIQ(187.9940, 26.5000, 4.3240)
contains.

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Color

**YIQ(187.9940, 26.5000,
4.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B2A6
RGB	216, 178, 166
RGB Percent	85%, 70%, 65%
CMY	0.1529, 0.3020, 0.3489
CMYK	0.00, 0.18, 0.23, 0.15
HSL	14°, 39%, 75%
HSV	14°, 23%, 85%
XYZ	51.1280, 49.1908, 42.8905
YIQ	187.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

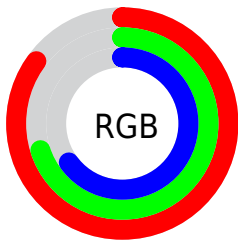
Format	Color
R _Y B	216, 182, 166
Decimal	14201510
CIE Lab	75.57, 11.94, 11.27
CIE LCh	76, 16.420, 43.339
Yxy	49.1908, 0.3570, 0.3435
Android (android.graphics.Color)	4292391590 (0xFFD8B2A6)
YUV	187.9940, -10.8430, 24.5613
Hunter-Lab	70.1362, 7.3849, 12.8376

Details

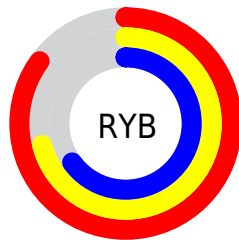
The YIQ color **187.9940, 26.5000, 4.3240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **194.0060, -26.5000, -4.3240**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.7970, 16.6890, 0.4090**, and **134.2110, 24.3910, 3.9990** is the 20% darker color. If you saturate the color by 10%, you get **176.0940, 37.9620, 5.8500**, and if you desaturate by 10%, it is **199.8940, 15.0380, 2.7980**.

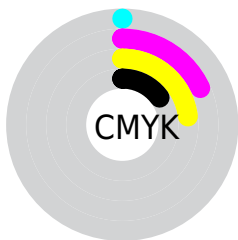
Distribution



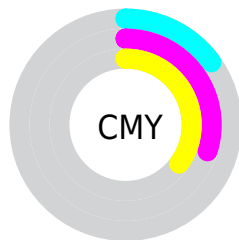
- Red (85%)
- Green (70%)
- Blue (65%)



- Red (85%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (15%)




- Cyan (15%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.9940, 26.5000, 4.3240 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 187.9940, 26.5000, 4.3240 by changing the saturation by 10% instead.


 187.9940, 26.5000,
4.3240


 187.9940, 26.5000,
4.3240


255.0000, -0.0000,
-0.0000


 160.8090, 25.5830,
4.4230


 238.7970, 16.6890,
0.4090


 134.5100, 24.9870,
4.2110

 254.4300, 1.6050,
-1.5550

 109.0260, 23.4740,
4.0980

 84.4280, 22.2820,
3.6740

 60.9440, 20.7690,
3.5610

 39.0470, 18.9810,
2.9250

 17.2320, 19.8980,

2.8260

■ 0.0000, 0.0000,
0.0000

■ 187.9940, 26.5000,
4.3240

■ 187.9940, 26.5000,
4.3240

■ 176.0940, 37.9620,
5.8500

■ 199.8940, 15.0380,
2.7980

■ 163.7210, 49.3780,
8.2100

■ 212.2670, 3.6220,
0.4380

■ 151.8210, 60.8400,
9.7360

■ 224.1670, -7.8400,
-1.0880

■ 139.4480, 72.2560,
12.0960

■ 236.5400,
-19.2560, -3.4480

■ 127.5480, 83.7180,
13.6220

■ 243.3390,
-23.2440, -8.2680

■ 115.0610, 95.4550,
15.6710

■ 103.2750,
106.5960, 17.5080

■ 95.1080, 114.4360,
18.5960

Harmonies

Analogous

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



189.0140, 23.7480, 10.1480



187.9940, 26.5000, 4.3240



186.4400, 22.0080, -2.3760

Triad

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



187.9940, 26.5000, 4.3240



181.2980, -15.9990, -12.9190



186.3270, -13.8020, 7.8460

Complementary

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



187.9940, 26.5000, 4.3240



194.0060, -26.5000, -4.3240

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.



183.8800, -25.9050, 1.4150



187.9940, 26.5000, 4.3240



180.7190, -27.3700, -10.5860

Square

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



187.9940, 26.5000, 4.3240



183.4260, -1.7400, -12.5240



181.6140, -31.2680, -6.0200



188.2750, 1.1440, 12.3120

Rectangle

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



187.9940, 26.5000, 4.3240



185.8690, 16.1860, -6.9980



181.6140, -31.2680, -6.0200



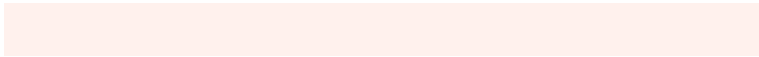
185.8210, -18.2490, 5.8390

Sweetspot

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



187.9940, 26.5000, 4.3240



244.7300, 9.6280, 1.7240



185.2820, 17.6020, 22.4180



122.0500, 5.7310, 0.7630



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.



187.9940, 26.5000, 4.3240



215.2080, 37.6410, 6.1610



202.6690, 19.6250, -8.7510



101.0500, 5.7310, 0.7630



75.1960, 90.6410, 14.8090



18.7270, 22.8780, 3.8860

Inverse Universe

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



194.0060, -26.5000, -4.3240



223.7920, -37.6410, -6.1610



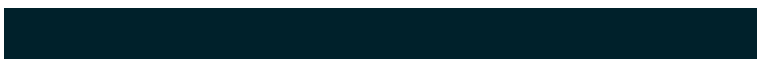
179.3310, -19.6250, 8.7510



102.5370, -6.0060, -1.2860



95.8040, -90.6410, -14.8090



24.2730, -22.8780, -3.8860

Previews

White Background



This preview shows how the YIQ color 187.9940, 26.5000, 4.3240 looks on a white background.

Color Contrast Check

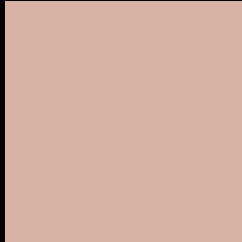
Large Text (above 18pt) WCAG AA × Fail

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 187.9940, 26.5000, 4.3240 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 187.9940, 26.5000, 4.3240

Background



This preview shows how black text looks on a background with the YIQ color 187.9940, 26.5000, 4.3240.



This preview shows how white text looks on a background with the YIQ color 187.9940, 26.5000,

4.3240.

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

187.9940, 26.5000, 4.3240

Protanopia

186.5680, 9.9040, -3.2800

Deuteranopia

187.9720, 23.5660, 2.4300



Tritanopia

189.6380, 22.0510, 13.3710

Trichromacy



Original Color

187.9940, 26.5000, 4.3240

Protanomaly

187.0850, 15.8180, -0.3260

Deuteranomaly

187.6840, 24.4370, 3.1650

Tritanomaly

189.0140, 23.7480, 10.1480

Monochromacy



Original Color

187.9940, 26.5000, 4.3240

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7300, 9.6280, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.9940, 26.5000, 4.3240 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(216, 178, 166)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 166)  
}
```

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(216, 178, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 166) }
```

Border

The CSS property to change the border of an element to YIQ 187.9940, 26.5000, 4.3240 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(216, 178, 166) }
```


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

```
.border{ border-color:rgb(216, 178, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 178, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 178, 166);  
box-shadow:4px 4px 4px 4px rgb(216, 178,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 187.9940, 26.5000, 4.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 166) }
```

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

```
.background{ background-color: rgb(216,  
178, 166) }
```

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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