

Converting Colors

YIQ(187.1000, 36.6840,
-26.0680)

Have a look what the booklet for
YIQ(187.1000, 36.6840, -26.0680)
contains.

YIQ(187.1000, 36.6840, -26.0680)	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(187.1000, 36.6840,
-26.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC266
RGB	206, 194, 102
RGB Percent	81%, 76%, 40%
CMY	0.1922, 0.2392, 0.5998
CMYK	0.00, 0.06, 0.50, 0.19
HSL	53°, 51%, 60%
HSV	53°, 50%, 81%
XYZ	47.1432, 52.6624, 20.2649
YIQ	187.1000, 36.6840, -26.0680

Conversions

Conversions Part 2

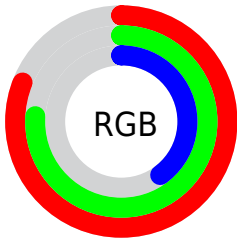
Format	Color
RYB	116, 206, 102
Decimal	13550182
CIELab	77.68, -7.98, 47.32
CIELCh	78, 47.989, 99.577
Yxy	52.6624, 0.3926, 0.4386
Android (android.graphics.Color)	4291740262 (0xFFCEC266)
YUV	187.1000, -41.9543, 16.5753
Hunter-Lab	72.5689, -11.0358, 34.2414

Details

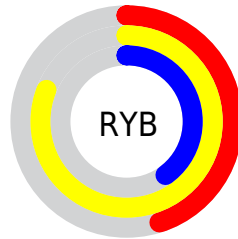
The YIQ color $187.1000, 36.6840, -26.0680$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $120.9000, -36.6840, 26.0680$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.6650, 33.4750, -28.4850$, and $133.4310, 34.2540, -26.0820$ is the 20% darker color. If you saturate the color by 10%, you get $183.5320, 43.9750, -31.5530$, and if you desaturate by 10%, it is $190.6680, 29.3930, -20.5830$.

Distribution



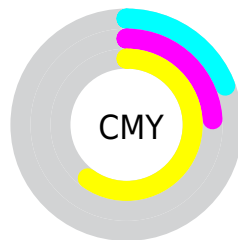
- Red (81%)
- Green (76%)
- Blue (40%)



- Red (45%)
- Yellow (81%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (50%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1000, 36.6840, -26.0680 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 187.1000, 36.6840, -26.0680 by changing the saturation by 10% instead.

■ 187.1000, 36.6840,
-26.0680

■ 187.1000, 36.6840,
-26.0680

■ 255.0000, -0.0000,
-0.0000

■ 159.6160, 35.1710,
-26.1810

■ 240.6650, 33.4750,
-28.4850

■ 133.4310, 34.2540,
-26.0820

■ 246.7920, 23.1120,
-22.3920

■ 106.7190, 33.3830,
-26.8170

■ 249.9840, 14.1240,
-13.6840

■ 82.1210, 32.1910,
-27.2410

■ 253.1760, 5.1360,
-4.9760

■ 61.1450, 23.6160,
-20.5120

■ 40.4570, 14.1700,
-14.5180

■ 20.6550, 5.0450,

-8.8350

■ 0.0000, 0.0000,
0.0000

■ 187.1000, 36.6840,
-26.0680

■ 187.1000, 36.6840,
-26.0680

■ 183.5320, 43.9750,
-31.5530

■ 190.6680, 29.3930,
-20.5830

■ 179.4910, 51.2200,
-36.2040

■ 194.7090, 22.1480,
-15.9320

■ 175.9230, 58.5110,
-41.6890

■ 198.2770, 14.8570,
-10.4470

■ 171.8820, 65.7560,
-46.3400

■ 202.3180, 7.6120,
-5.7960

■ 168.4280, 72.7260,
-51.5140

■ 205.8860, 0.3210,
-0.3110

■ 209.4540, -6.9700,
5.1740

■ 213.4950,
-14.2150, 9.8250

■ 215.6950,
-17.6540, 11.5780

■ 216.8690,
-18.2040, 10.5320

Harmonies

Analogous

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



190.7540, 61.8060, -7.7780



187.1000, 36.6840, -26.0680



181.9580, -1.3230, -36.6110

Triad

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



187.1000, 36.6840, -26.0680



153.1890, -137.8620, -34.5820



196.2880, 35.8010, 39.5210

Complementary

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



187.1000, 36.6840, -26.0680



120.9000, -36.6840, 26.0680

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.



196.0800, -1.8400, 33.3600



187.1000, 36.6840, -26.0680



161.3650, -114.3900, -19.4300

Square

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



187.1000, 36.6840, -26.0680



149.5750, -124.9300, -48.6900



185.7270, -47.0430, 10.0530



188.2230, 51.6210, 28.1410

Rectangle

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



187.1000, 36.6840, -26.0680



176.2670, -33.0500, -39.8180



185.7270, -47.0430, 10.0530



197.8400, 25.4390, 40.0870

Sweetspot

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



187.1000, 36.6840, -26.0680



248.3200, 13.2980, -9.7260



134.4640, 58.1320, 25.7800



123.6170, 8.2080, -5.5840



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.



187.1000, 36.6840, -26.0680



226.6500, 55.0260, -39.1020



182.1840, 9.5440, -40.8240



100.2730, 3.4850, -2.5870



135.9230, 58.5110, -41.6890



31.3200, 13.2980, -9.7260

Inverse Universe

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



120.9000, -36.6840, 26.0680



127.3500, -55.0260, 39.1020



125.8160, -9.5440, 40.8240



93.7270, -3.4850, 2.5870



30.0770, -58.5110, 41.6890



6.6800, -13.2980, 9.7260

Previews

White Background



This preview shows how the YIQ color 187.1000, 36.6840, -26.0680 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 187.1000, 36.6840, -26.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

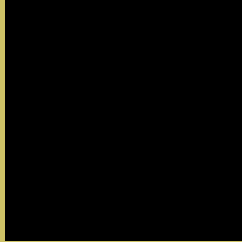
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.1000, 36.6840, -26.0680

Background



This preview shows how black text looks on a background with the YIQ color 187.1000, 36.6840, -26.0680.



This preview shows how white text looks on a background with the YIQ color 187.1000, 36.6840,

-26.0680.

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

187.1000, 36.6840, -26.0680

Protanopia

187.6060, 41.1310, -24.0610

Deuteranopia

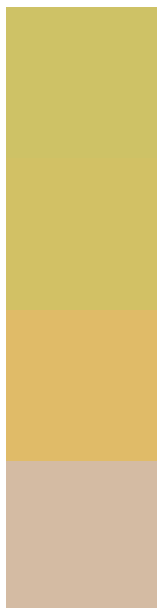
189.6560, 56.0300, -13.2340



Tritanopia

194.5770, 14.8530, 11.6610

Trichromacy



Original Color

187.1000, 36.6840, -26.0680

Protanomaly

187.5950, 39.6640, -25.0080

Deuteranomaly

188.6010, 48.6950, -17.9690

Tritanomaly

191.7390, 22.6040, -2.1640

Monochromacy



Original Color

187.1000, 36.6840, -26.0680

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.3200, 13.2980, -9.7260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1000, 36.6840, -26.0680 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(206, 194, 102)` looks like.

```
.text, #text, p{  
    color:rgb(206, 194, 102)  
}
```

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(206, 194, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 194, 102) }
```

Border

The CSS property to change the border of an element to YIQ 187.1000, 36.6840, -26.0680 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(206, 194, 102) }
```


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

```
.border{ border-color:rgb(206, 194, 102) }
```

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

Here you see how a box with a 4 pixel rgb(206, 194, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 194, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 194, 102);  
box-shadow:4px 4px 4px 4px rgb(206, 194,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1000, 36.6840, -26.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 194, 102) }
```

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

```
.background{ background-color: rgb(206,  
194, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor