

Converting Colors

YIQ(197.4170, 46.0370,
-24.8670)

Have a look what the booklet for
YIQ(197.4170, 46.0370, -24.8670)
contains.

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Color

**YIQ(197.4170, 46.0370,
-24.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C968
RGB	226, 201, 104
RGB Percent	89%, 79%, 41%
CMY	0.1137, 0.2118, 0.5919
CMYK	0.00, 0.11, 0.54, 0.11
HSL	48°, 68%, 65%
HSV	48°, 54%, 89%
XYZ	54.7501, 58.9378, 21.6047
YIQ	197.4170, 46.0370, -24.8670

Conversions

Conversions Part 2

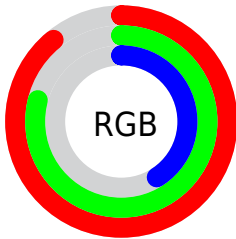
Format	Color
RYB	135, 226, 104
Decimal	14862696
CIELab	81.26, -3.19, 51.03
CIELCh	81, 51.132, 93.575
Yxy	58.9378, 0.4047, 0.4356
Android (android.graphics.Color)	4293052776 (0xFFE2C968)
YUV	197.4170, -46.0546, 25.0673
Hunter-Lab	76.7710, -7.0498, 37.0544

Details

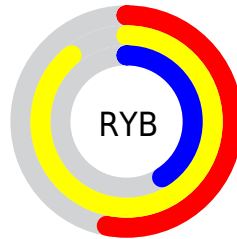
The YIQ color $197.4170, 46.0370, -24.8670$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $132.5830, -46.0370, 24.8670$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8280, 31.4580, -30.4780$, and $142.4490, 43.0110, -25.0930$ is the 20% darker color. If you saturate the color by 10%, you get $191.8600, 54.7950, -29.4050$, and if you desaturate by 10%, it is $202.9740, 37.2790, -20.3290$.

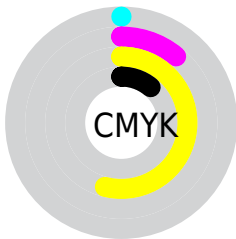
Distribution



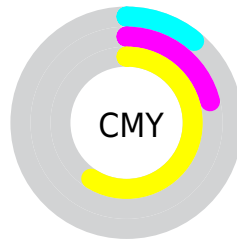
- Red (89%)
- Green (79%)
- Blue (41%)



- Red (53%)
- Yellow (89%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (54%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.4170, 46.0370, -24.8670 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 197.4170, 46.0370, -24.8670 by changing the saturation by 10% instead.

■ 197.4170, 46.0370,
-24.8670

■ 197.4170, 46.0370,
-24.8670

■ 255.0000, -0.0000,
-0.0000

■ 169.9330, 44.5240,
-24.9800

■ 243.9420, 31.1370,
-30.1670

■ 142.4490, 43.0110,
-25.0930

■ 247.0200, 22.4700,
-21.7700

■ 116.3240, 41.8650,
-26.3510

■ 250.2120, 13.4820,
-13.0620

■ 90.7260, 40.6730,
-26.7750

■ 253.5180, 4.1730,
-4.0430

■ 68.5650, 31.1810,
-19.9470

■ 47.8770, 21.7350,
-13.9530

■ 28.0750, 12.6100,

-8.2700

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 197.4170, 46.0370,
-24.8670

■ 197.4170, 46.0370,
-24.8670

■ 191.8600, 54.7950,
-29.4050

■ 202.9740, 37.2790,
-20.3290

■ 187.0040, 62.9570,
-34.1550

■ 207.8300, 29.1170,
-15.5790

■ 181.4470, 71.7150,
-38.6930

■ 213.3870, 20.3590,
-11.0410

■ 176.0040, 80.1520,
-42.9200

■ 218.8300, 11.9220,
-6.8140

■ 173.2340, 85.1960,
-46.2280

■ 223.8000, 3.4390,
-1.7530

■ 229.3570, -5.3190,
2.7850

■ 233.4150,
-11.2340, 5.3580

■ 236.3500,
-12.6090, 2.7430

■ 239.2850,
-13.9840, 0.1280

Harmonies

Analogous

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



197.5910, 63.8230, -5.7850



197.4170, 46.0370, -24.8670



192.5090, 7.2510, -37.8130

Triad

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



197.4170, 46.0370, -24.8670



160.9170, -143.0880, -38.9920



203.9650, 26.5850, 41.3450

Complementary

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



197.4170, 46.0370, -24.8670



132.5830, -46.0370, 24.8670

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.



202.8250, -5.7360, 26.8720



197.4170, 46.0370, -24.8670



157.0360, -141.8050, -34.7090

Square

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



197.4170, 46.0370, -24.8670



156.7330, -128.5510, -54.6550



189.7700, -57.7700, 0.7100



194.4980, 43.5970, 30.3890

Rectangle

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



197.4170, 46.0370, -24.8670



186.9920, -25.0260, -42.0660



189.7700, -57.7700, 0.7100



207.1430, 20.2120, 41.2040

Sweetspot

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



197.4170, 46.0370, -24.8670



245.6300, 15.3610, -8.5670



143.4420, 64.3660, 33.9500



122.2150, 9.4000, -5.1600



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.



197.4170, 46.0370, -24.8670



216.1180, 62.6360, -33.8440



201.6270, 18.3020, -45.3620



109.5720, 4.0810, -2.3750



134.8040, 66.3960, -35.9080



37.2450, 17.8830, -10.2210

Inverse Universe

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



132.5830, -46.0370, 24.8670



127.8820, -62.6360, 33.8440



128.3730, -18.3020, 45.3620



103.4280, -4.0810, 2.3750



41.1960, -66.3960, 35.9080



11.3420, -18.1580, 9.6980

Previews

White Background



This preview shows how the YIQ color 197.4170, 46.0370, -24.8670 looks on a white background.

Color Contrast Check

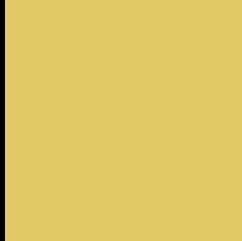
Large Text (above 18pt) WCAG AA × Fail

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 197.4170, 46.0370, -24.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

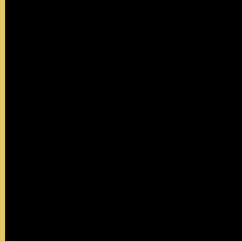
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.4170, 46.0370, -24.8670

Background



This preview shows how black text looks on a background with the YIQ color 197.4170, 46.0370, -24.8670.



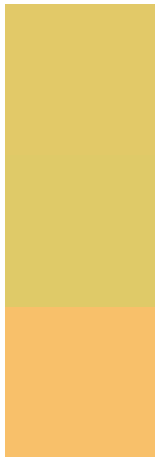
This preview shows how white text looks on a background with the YIQ color 197.4170, 46.0370, -24.8670.

-24.8670.

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

197.4170, 46.0370, -24.8670

Protanopia

197.1070, 43.9740, -26.0260

Deuteranopia

198.9400, 60.9820, -14.8740



Tritanopia

205.0510, 22.3260, 13.8940

Trichromacy



Original Color

197.4170, 46.0370, -24.8670

Protanomaly

197.4060, 44.5700, -25.8140

Deuteranomaly

198.1950, 55.7100, -18.4500

Tritanomaly

202.3980, 30.9940, -0.0300

Monochromacy



Original Color

197.4170, 46.0370, -24.8670

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.0000, 17.1950, -8.7650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.4170, 46.0370, -24.8670 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(226, 201, 104)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 104)  
}
```

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(226, 201, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 104) }
```

Border

The CSS property to change the border of an element to YIQ 197.4170, 46.0370, -24.8670 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(226, 201, 104) }
```


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

```
.border{ border-color:rgb(226, 201, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 201, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 201, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 201, 104);  
box-shadow:4px 4px 4px 4px rgb(226, 201,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 197.4170, 46.0370, -24.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 104) }
```

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

```
.background{ background-color: rgb(226,  
201, 104) }
```

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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