

Converting Colors

YIQ(197.0280, 37.1870,
-18.6610)

Have a look what the booklet for
YIQ(197.0280, 37.1870, -18.6610)
contains.

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Color

**YIQ(197.0280, 37.1870,
-18.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC77C
RGB	221, 199, 124
RGB Percent	87%, 78%, 49%
CMY	0.1333, 0.2196, 0.5135
CMYK	0.00, 0.10, 0.44, 0.13
HSL	46°, 59%, 68%
HSV	46°, 44%, 87%
XYZ	53.8819, 57.6714, 27.3780
YIQ	197.0280, 37.1870, -18.6610

Conversions

Conversions Part 2

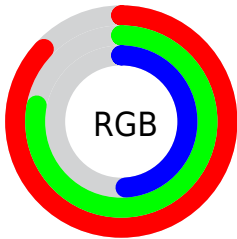
Format	Color
R_{YB}	152, 221, 124
Decimal	14534524
CIE _{Lab}	80.56, -2.38, 40.24
CIE _{LCh}	81, 40.311, 93.378
Yxy	57.6714, 0.3878, 0.4151
Android (android.graphics.Color)	4292724604 (0xFFDDC77C)
YUV	197.0280, -36.0028, 21.0234
Hunter-Lab	75.9417, -6.2493, 31.7844

Details

The YIQ color **197.0280, 37.1870, -18.6610** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **147.9720, -37.1870, 18.6610**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.2220, 24.7170, -23.9470**, and **142.4730, 34.4360, -18.3640** is the 20% darker color. If you saturate the color by 10%, you get **191.5850, 45.6240, -22.8880**, and if you desaturate by 10%, it is **202.4710, 28.7500, -14.4340**.

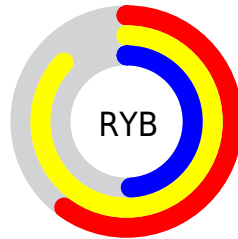
Distribution



Red (87%)

Green (78%)

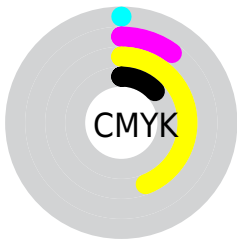
Blue (49%)



Red (60%)

Yellow (87%)

Blue (49%)

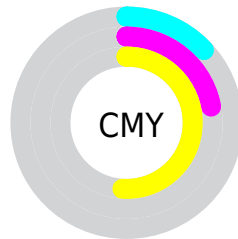


Cyan (0%)

Magenta (10%)

Yellow (44%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0280, 37.1870, -18.6610 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 197.0280, 37.1870, -18.6610 by changing the saturation by 10% instead.

■ 197.0280, 37.1870,
-18.6610

■ 197.0280, 37.1870,
-18.6610

■ 255.0000, -0.0000,
-0.0000

■ 169.5440, 35.6740,
-18.7740

■ 246.2220, 24.7170,
-23.9470

■ 142.4730, 34.4360,
-18.3640

■ 249.3000, 16.0500,
-15.5500

■ 116.9890, 32.9230,
-18.4770

■ 252.6060, 6.7410,
-6.5310

■ 91.3910, 31.7310,
-18.9010

■ 67.3800, 30.2640,
-19.8480

■ 46.4040, 21.6890,
-13.1190

■ 27.1890, 12.2890,

-7.9590

■ 2.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,
0.0000

■ 197.0280, 37.1870,
-18.6610

■ 197.0280, 37.1870,
-18.6610

■ 191.5850, 45.6240,
-22.8880

■ 202.4710, 28.7500,
-14.4340

■ 186.1420, 54.0610,
-27.1150

■ 207.9140, 20.3130,
-10.2070

■ 180.6990, 62.4980,
-31.3420

■ 213.3570, 11.8760,
-5.9800

■ 175.2560, 70.9350,
-35.5690

■ 218.8000, 3.4390,
-1.7530

■ 169.8130, 79.3720,
-39.7960

■ 224.3570, -5.3190,
2.7850

■ 166.4560, 84.6910,
-42.5810

■ 229.5720,
-13.1140, 6.3900

■ 232.5070,
-14.4890, 3.7750

■ 235.4420,
-15.8640, 1.1600

■ 238.3770,
-17.2390, -1.4550

Harmonies

Analogous

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



199.9910, 56.9450, -2.2790



197.0280, 37.1870, -18.6610



192.8930, 6.4700, -29.1620

Triad

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



197.0280, 37.1870, -18.6610



172.0590, -105.0810, -28.4490



205.0370, 26.0820, 33.9380

Complementary

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



197.0280, 37.1870, -18.6610



147.9720, -37.1870, 18.6610

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.



202.8030, -8.6700, 24.9780



197.0280, 37.1870, -18.6610



181.3100, -86.1940, -12.8020

Square

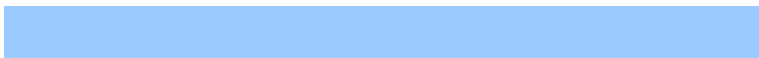
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197.0280, 37.1870, -18.6610



178.2950, -73.8110, -33.4830



193.6900, -45.6210, 6.3070



199.0800, 41.7180, 25.8940

Rectangle

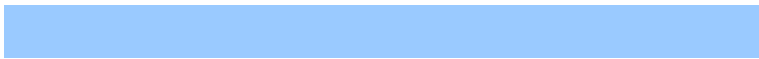
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



197.0280, 37.1870, -18.6610



188.9100, -18.5630, -32.5390



193.6900, -45.6210, 6.3070



205.3500, 14.8950, 32.9350

Sweetspot

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



197.0280, 37.1870, -18.6610



246.5420, 12.7930, -6.0790



155.6250, 50.4290, 27.7170



122.6710, 8.1160, -3.9160



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.



197.0280, 37.1870, -18.6610



221.4130, 51.8600, -25.7720



202.1680, 15.6410, -35.6790



106.9850, 4.3560, -1.8520



130.3850, 66.2580, -33.4060



34.2990, 17.7910, -8.5530

Inverse Universe

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



147.9720, -37.1870, 18.6610



153.5870, -51.8600, 25.7720



142.8320, -15.6410, 35.6790



101.4280, -4.0810, 2.3750



42.6150, -66.2580, 33.4060



11.1140, -17.5160, 9.0760

Previews

White Background



This preview shows how the YIQ color 197.0280, 37.1870, -18.6610 looks on a white background.

Color Contrast Check

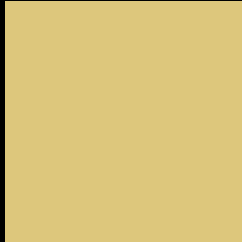
Large Text (above 18pt) WCAG AA × Fail

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 197.0280, 37.1870, -18.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

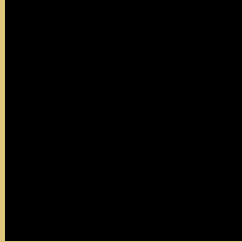
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.0280, 37.1870, -18.6610

Background



This preview shows how black text looks on a background with the YIQ color 197.0280, 37.1870, -18.6610.



This preview shows how white text looks on a background with the YIQ color 197.0280, 37.1870, -18.6610.

-18.6610.

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

197.0280, 37.1870, -18.6610

Protanopia

196.7180, 35.1240, -19.8200

Deuteranopia

198.5400, 50.6650, -9.6150



Tritanopia

202.6700, 19.0250, 13.1450

Trichromacy



Original Color

197.0280, 37.1870, -18.6610

Protanomaly

197.0170, 35.7200, -19.6080

Deuteranomaly

198.0940, 45.9890, -12.9790

Tritanomaly

200.8150, 25.4460, 1.3980

Monochromacy



Original Color

197.0280, 37.1870, -18.6610

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.2000, 13.7560, -7.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.0280, 37.1870, -18.6610 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(221, 199, 124)` looks like.

```
.text, #text, p{  
    color:rgb(221, 199, 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(221, 199, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 199, 124) }
```

Border

The CSS property to change the border of an element to YIQ 197.0280, 37.1870, -18.6610 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(221, 199, 124) }
```


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

```
.border{ border-color:rgb(221, 199, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 199, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 199, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 199, 124);  
box-shadow:4px 4px 4px 4px rgb(221, 199,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 197.0280, 37.1870, -18.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 199, 124) }
```

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

```
.background{ background-color: rgb(221,  
199, 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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