

Converting Colors

YIQ(198.5000, 47.0010,
-31.3270)

Have a look what the booklet for
YIQ(198.5000, 47.0010, -31.3270)
contains.

YIQ(198.5000, 47.0010, -31.3270)	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(198.5000, 47.0010,
-31.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CE5D
RGB	224, 206, 93
RGB Percent	88%, 81%, 36%
CMY	0.1216, 0.1922, 0.6350
CMYK	0.00, 0.08, 0.58, 0.12
HSL	52°, 68%, 62%
HSV	52°, 58%, 88%
XYZ	54.7866, 60.7765, 19.2156
YIQ	198.5000, 47.0010, -31.3270

Conversions

Conversions Part 2

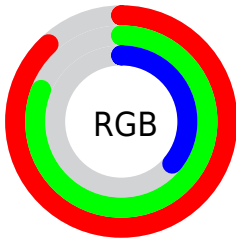
Format	Color
RYB	114, 224, 93
Decimal	14732893
CIELab	82.26, -7.41, 57.23
CIELCh	82, 57.706, 97.379
Yxy	60.7765, 0.4065, 0.4509
Android (android.graphics.Color)	4292922973 (0xFFE0CE5D)
YUV	198.5000, -52.0115, 22.3635
Hunter-Lab	77.9593, -10.9864, 39.9575

Details

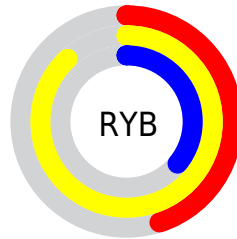
The YIQ color **198.5000, 47.0010, -31.3270** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **118.5000, -47.0010, 31.3270**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6880, 34.6680, -33.5880**, and **143.3040, 44.6170, -32.1750** is the 20% darker color. If you saturate the color by 10%, you get **194.2310, 54.8880, -36.6000**, and if you desaturate by 10%, it is **202.7690, 39.1140, -26.0540**.

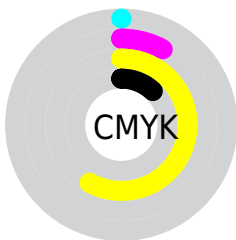
Distribution



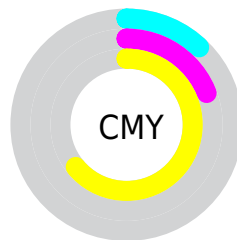
- Red (88%)
- Green (81%)
- Blue (36%)



- Red (45%)
- Yellow (88%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (58%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.5000, 47.0010, -31.3270 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 198.5000, 47.0010, -31.3270 by changing the saturation by 10% instead.

■ 198.5000, 47.0010,
-31.3270

■ 198.5000, 47.0010,
-31.3270

■ 255.0000, -0.0000,
-0.0000

■ 170.9020, 45.8090,
-31.7510

■ 242.6880, 34.6680,
-33.5880

■ 143.3040, 44.6170,
-32.1750

■ 245.8800, 25.6800,
-24.8800

■ 115.3380, 47.2770,
-36.3310

■ 249.0720, 16.6920,
-16.1720

■ 92.1770, 37.7850,
-29.5030

■ 252.3780, 7.3830,
-7.1530

■ 70.9020, 28.6140,
-22.9860

■ 49.3280, 18.8470,
-16.6810

■ 29.5260, 9.7220,

-10.9980

■ 7.6310, -3.5750,
-6.7990

■ 0.0000, 0.0000,
0.0000

■ 198.5000, 47.0010,
-31.3270

■ 198.5000, 47.0010,
-31.3270

■ 194.2310, 54.8880,
-36.6000

■ 202.7690, 39.1140,
-26.0540

■ 189.8480, 63.0960,
-42.1840

■ 207.1520, 30.9060,
-20.4700

■ 185.5790, 70.9830,
-47.4570

■ 211.4210, 23.0190,
-15.1970

■ 181.1960, 79.1910,
-53.0410

■ 215.8040, 14.8110,
-9.6130

■ 180.2670, 80.4290,
-53.4510

■ 220.0730, 6.9240,
-4.3400

■ 224.3420, -0.9630,
0.9330

■ 229.3120, -9.4460,
5.9940

■ 231.6430,
-11.8760, 5.9800

■ 233.4040,
-12.7010, 4.4110

Harmonies

Analogous

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



197.8700, 67.1710, -11.3970



198.5000, 47.0010, -31.3270



191.8840, 1.5210, -44.1030

Triad

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



198.5000, 47.0010, -31.3270



164.0800, -145.1050, -40.9850



201.8450, 27.0430, 44.0590

Complementary

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



198.5000, 47.0010, -31.3270



118.5000, -47.0010, 31.3270

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.



205.5380, 2.5620, 30.6740



198.5000, 47.0010, -31.3270



158.7970, -142.6300, -36.2780

Square

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



198.5000, 47.0010, -31.3270



160.9220, -133.4570, -53.8490



190.6560, -57.4490, 0.3990



191.5800, 46.3020, 30.9260

Rectangle

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



198.5000, 47.0010, -31.3270



185.2460, -37.7250, -48.7090



190.6560, -57.4490, 0.3990



206.2790, 22.8250, 43.4090

Sweetspot

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



198.5000, 47.0010, -31.3270



246.2340, 16.4160, -11.1680



134.4490, 71.6560, 33.9920



122.3460, 10.4090, -6.9270



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.



198.5000, 47.0010, -31.3270



220.0330, 64.0130, -42.2830



195.3120, 14.6350, -50.4930



110.1590, 3.8060, -2.8980



141.8480, 63.0960, -42.1840



39.0060, 17.0580, -11.7900

Inverse Universe

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



118.5000, -47.0010, 31.3270



111.3800, -63.7380, 42.8060



121.6880, -14.6350, 50.4930



103.4280, -4.0810, 2.3750



34.1520, -63.0960, 42.1840



9.5810, -17.3330, 11.2670

Previews

White Background



This preview shows how the YIQ color 198.5000, 47.0010, -31.3270 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 198.5000, 47.0010, -31.3270 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 198.5000, 47.0010, -31.3270

Background



This preview shows how black text looks on a background with the YIQ color 198.5000, 47.0010, -31.3270.



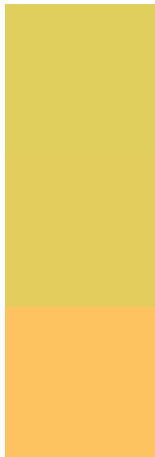
This preview shows how white text looks on a background with the YIQ color 198.5000, 47.0010,

-31.3270.

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

198.5000, 47.0010, -31.3270

Protanopia

198.8100, 49.0640, -30.1680

Deuteranopia

201.0560, 66.3470, -18.4930



Tritanopia

207.9690, 19.6210, 13.3570

Trichromacy



Original Color

198.5000, 47.0010, -31.3270

Protanomaly

198.5110, 48.4680, -30.3800

Deuteranomaly

200.0010, 59.0120, -23.2280

Tritanomaly

204.3330, 29.6190, -2.6450

Monochromacy



Original Color

198.5000, 47.0010, -31.3270

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0060, 17.0580, -11.7900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.5000, 47.0010, -31.3270 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(224, 206, 93)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 93)  
}
```

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(224, 206, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 93) }
```

Border

The CSS property to change the border of an element to YIQ 198.5000, 47.0010, -31.3270 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(224, 206, 93) }
```


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

```
.border{ border-color:rgb(224, 206, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 93);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 198.5000, 47.0010, -31.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 93) }
```

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

```
.background{ background-color: rgb(224,  
206, 93) }
```

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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