

Converting Colors

YIQ(198.3170, 34.5750,
-26.3930)

Have a look what the booklet for
YIQ(198.3170, 34.5750, -26.3930)
contains.

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Color

**YIQ(198.3170, 34.5750,
-26.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CE73
RGB	215, 206, 115
RGB Percent	84%, 81%, 45%
CMY	0.1569, 0.1922, 0.5488
CMYK	0.00, 0.04, 0.46, 0.16
HSL	55°, 56%, 65%
HSV	55°, 46%, 84%
XYZ	53.1896, 59.8254, 24.9797
YIQ	198.3170, 34.5750, -26.3930

Conversions

Conversions Part 2

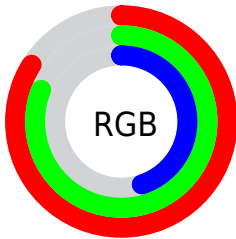
Format	Color
RYB	125, 215, 115
Decimal	14143091
CIELab	81.74, -9.27, 46.09
CIELCh	82, 47.011, 101.376
Yxy	59.8254, 0.3854, 0.4335
Android (android.graphics.Color)	4292333171 (0xFFD7CE73)
YUV	198.3170, -41.0753, 14.6310
Hunter-Lab	77.3469, -12.6069, 34.9947

Details

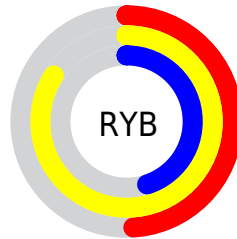
The YIQ color $198.3170, 34.5750, -26.3930$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $131.6830, -34.5750, 26.3930$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1960, 27.6060, -26.7460$, and $143.7620, 31.8240, -26.0960$ is the 20% darker color. If you saturate the color by 10%, you get $194.7490, 41.8660, -31.8780$, and if you desaturate by 10%, it is $201.9990, 26.9630, -20.5970$.

Distribution



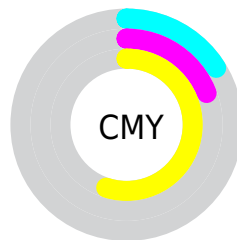
- Red (84%)
- Green (81%)
- Blue (45%)



- Red (49%)
- Yellow (84%)
- Blue (45%)



- Cyan (0%)
- Magenta (4%)
- Yellow (46%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.3170, 34.5750, -26.3930 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 198.3170, 34.5750, -26.3930 by changing the saturation by 10% instead.

■ 198.3170, 34.5750,
-26.3930

■ 198.3170, 34.5750,
-26.3930

255.0000, -0.0000,
-0.0000

■ 170.8330, 33.0620,
-26.5060

■ 245.1960, 27.6060,
-26.7460

■ 143.7620, 31.8240,
-26.0960

■ 248.2740, 18.9390,
-18.3490

■ 117.4630, 31.2280,
-26.3080

■ 251.5800, 9.6300,
-9.3300

■ 91.4090, 31.3200,
-27.9760

254.8860, 0.3210,
-0.3110

■ 68.5210, 25.3130,
-23.7350

■ 48.1320, 16.4630,
-17.5290

■ 28.6290, 7.9340,

-11.6340

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,
0.0000

■ 198.3170, 34.5750,
-26.3930

■ 198.3170, 34.5750,
-26.3930

■ 194.7490, 41.8660,
-31.8780

■ 201.9990, 26.9630,
-20.5970

■ 191.0670, 49.4780,
-37.6740

■ 205.5670, 19.6720,
-15.1120

■ 187.4990, 56.7690,
-43.1590

■ 209.2490, 12.0600,
-9.3160

■ 183.8170, 64.3810,
-48.9550

■ 212.8170, 4.7690,
-3.8310

■ 180.2490, 71.6720,
-54.4400

■ 216.4990, -2.8430,
1.9650

■ 179.3370, 74.2400,
-56.9280

■ 220.0670,
-10.1340, 7.4500

■ 222.4950,
-14.2150, 9.8250

■ 223.0820,
-14.4900, 9.3020

■ 224.2560,
-15.0400, 8.2560

Harmonies

Analogous

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



202.0420, 60.9350, -8.5130



198.3170, 34.5750, -26.3930



193.2890, -3.7530, -36.6250

Triad

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



198.3170, 34.5750, -26.3930



160.5580, -143.4550, -37.8470



203.6570, 30.2080, 36.2560

Complementary

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



198.3170, 34.5750, -26.3930



131.6830, -34.5750, 26.3930

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.



206.1360, 3.7540, 31.0980



198.3170, 34.5750, -26.3930



178.5970, -94.4920, -16.6040

Square

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



198.3170, 34.5750, -26.3930



158.8130, -131.5320, -50.1880



196.9790, -39.0650, 8.6390



196.2930, 45.4320, 24.6640

Rectangle

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



198.3170, 34.5750, -26.3930



187.8970, -34.8840, -39.6200



196.9790, -39.0650, 8.6390



207.6010, 24.6140, 38.5180

Sweetspot

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



198.3170, 34.5750, -26.3930



249.1350, 12.3810, -9.6270



146.0400, 56.3900, 24.3100



124.3180, 7.6120, -5.7960



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.



198.3170, 34.5750, -26.3930



231.0670, 49.4780, -37.6740



191.6400, 8.2600, -39.5800



105.1590, 3.8060, -2.8980



142.1140, 59.2910, -44.8130



35.7500, 14.9030, -11.2810

Inverse Universe

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



131.6830, -34.5750, 26.3930



135.9330, -49.4780, 37.6740



138.3600, -8.2600, 39.5800



97.8410, -3.8060, 2.8980



28.2990, -59.0160, 45.3360



7.2500, -14.9030, 11.2810

Previews

White Background



This preview shows how the YIQ color 198.3170, 34.5750, -26.3930 looks on a white background.

Color Contrast Check

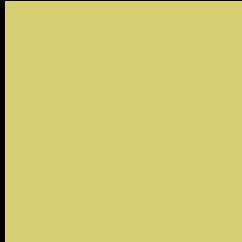
Large Text (above 18pt) WCAG AA × Fail

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 198.3170, 34.5750, -26.3930 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 198.3170, 34.5750, -26.3930

Background



This preview shows how black text looks on a background with the YIQ color 198.3170, 34.5750, -26.3930.



This preview shows how white text looks on a background with the YIQ color 198.3170, 34.5750, -26.3930.

-26.3930.

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

198.3170, 34.5750, -26.3930

Protanopia

198.8340, 40.4890, -23.4390

Deuteranopia

201.1830, 55.9840, -12.4000



Tritanopia

205.6800, 13.0650, 11.0250

Trichromacy



Original Color

198.3170, 34.5750, -26.3930

Protanomaly

198.5240, 38.4260, -24.5980

Deuteranomaly

199.8290, 48.0530, -17.3470

Tritanomaly

202.8420, 20.8160, -2.8000

Monochromacy



Original Color

198.3170, 34.5750, -26.3930

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1350, 12.3810, -9.6270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3170, 34.5750, -26.3930 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(215, 206, 115)` looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 115)  
}
```

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(215, 206, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 115) }
```

Border

The CSS property to change the border of an element to YIQ 198.3170, 34.5750, -26.3930 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(215, 206, 115) }
```


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

```
.border{ border-color:rgb(215, 206, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 206, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 206, 115); box-shadow:4px 4px 4px 4px rgb(215, 206, 115) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3170, 34.5750, -26.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 115) }
```

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

```
.background{ background-color: rgb(215,  
206, 115) }
```

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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