

Converting Colors

YIQ(197.0060, 34.2530,
-20.5550)

Have a look what the booklet for
YIQ(197.0060, 34.2530, -20.5550)
contains.

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Color

**YIQ(197.0060, 34.2530,
-20.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C97C
RGB	217, 201, 124
RGB Percent	85%, 79%, 49%
CMY	0.1490, 0.2118, 0.5135
CMYK	0.00, 0.07, 0.43, 0.15
HSL	50°, 55%, 67%
HSV	50°, 43%, 85%
XYZ	53.1408, 57.9779, 27.4754
YIQ	197.0060, 34.2530, -20.5550

Conversions

Conversions Part 2

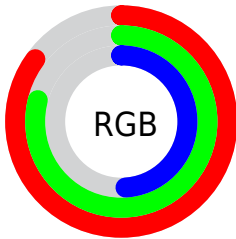
Format	Color
RYB	143, 217, 124
Decimal	14272892
CIELab	80.73, -5.02, 40.39
CIELCh	81, 40.697, 97.081
Yxy	57.9779, 0.3834, 0.4183
Android (android.graphics.Color)	4292462972 (0xFFD9C97C)
YUV	197.0060, -35.9920, 17.5347
Hunter-Lab	76.1432, -8.6744, 31.9062

Details

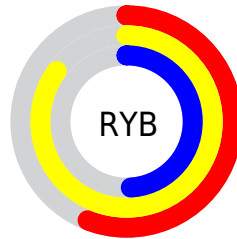
The YIQ color $197.0060, 34.2530, -20.5550$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $143.9940, -34.2530, 20.5550$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.2220, 24.7170, -23.9470$, and $142.4510, 31.5020, -20.2580$ is the 20% darker color. If you saturate the color by 10%, you get $192.1500, 42.4150, -25.3050$, and if you desaturate by 10%, it is $201.8620, 26.0910, -15.8050$.

Distribution



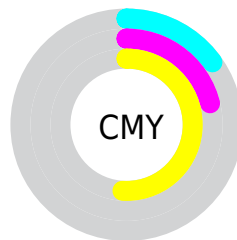
- Red (85%)
- Green (79%)
- Blue (49%)



- Red (56%)
- Yellow (85%)
- Blue (49%)



- Cyan (0%)
- Magenta (7%)
- Yellow (43%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0060, 34.2530, -20.5550 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 197.0060, 34.2530, -20.5550 by changing the saturation by 10% instead.

■ 197.0060, 34.2530,
-20.5550

■ 197.0060, 34.2530,
-20.5550

255.0000, -0.0000,
-0.0000

■ 169.5220, 32.7400,
-20.6680

■ 246.2220, 24.7170,
-23.9470

■ 142.4510, 31.5020,
-20.2580

■ 249.4140, 15.7290,
-15.2390

■ 116.9670, 29.9890,
-20.3710

■ 252.6060, 6.7410,
-6.5310

■ 91.6680, 29.3930,
-20.5830

■ 67.0700, 28.2010,
-21.0070

■ 46.6810, 19.3510,
-14.8010

■ 27.1780, 10.8220,

-8.9060

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,
0.0000

■ 197.0060, 34.2530,
-20.5550

■ 197.0060, 34.2530,
-20.5550

■ 192.1500, 42.4150,
-25.3050

■ 201.8620, 26.0910,
-15.8050

■ 187.9950, 49.9810,
-30.2670

■ 206.0170, 18.5250,
-10.8430

■ 183.1390, 58.1430,
-35.0170

■ 210.8730, 10.3630,
-6.0930

■ 178.2830, 66.3050,
-39.7670

■ 215.7290, 2.2010,
-1.3430

■ 173.5410, 74.1460,
-44.2060

■ 220.5850, -5.9610,
3.4070

■ 170.5430, 79.8320,
-48.1360

■ 224.7400,
-13.5270, 8.3690

■ 227.2020,
-14.9480, 6.5880

■ 229.5500,
-16.0480, 4.4960

■ 231.8980,
-17.1480, 2.4040

Harmonies

Analogous

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



200.0400, 55.2490, -4.5830



197.0060, 34.2530, -20.5550



192.8000, 2.2980, -30.6460

Triad

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



197.0060, 34.2530, -20.5550



172.0310, -107.8780, -27.3180



205.3040, 29.7040, 34.3760

Complementary

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



197.0060, 34.2530, -20.5550



143.9940, -34.2530, 20.5550

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.



203.7220, -3.9480, 27.5080



197.0060, 34.2530, -20.5550



182.5170, -82.3430, -11.0070

Square

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



197.0060, 34.2530, -20.5550



177.3590, -79.8630, -33.9350



195.1960, -41.1740, 8.3140



198.6240, 43.0020, 24.6500

Rectangle

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



197.0060, 34.2530, -20.5550



188.7460, -23.9730, -33.6130



195.1960, -41.1740, 8.3140



205.9160, 19.1130, 33.5850

Sweetspot

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



197.0060, 34.2530, -20.5550



247.7160, 12.2430, -7.1250



153.7450, 49.9710, 25.0030



123.2580, 7.8410, -4.4390



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.



197.0060, 34.2530, -20.5550



227.2660, 47.7800, -28.9240



197.7270, 12.5690, -35.0710



107.5720, 4.0810, -2.3750



136.2550, 63.5080, -38.6360



36.0600, 16.9660, -10.1220

Inverse Universe

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



143.9940, -34.2530, 20.5550



152.7340, -47.7800, 28.9240



143.2730, -12.5690, 35.0710



101.4280, -4.0810, 2.3750



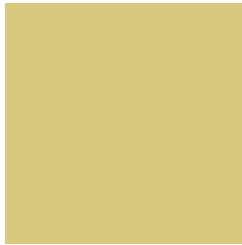
37.3320, -63.7830, 38.1130



9.9400, -16.9660, 10.1220

Previews

White Background



This preview shows how the YIQ color 197.0060, 34.2530, -20.5550 looks on a white background.

Color Contrast Check

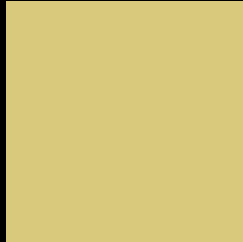
Large Text (above 18pt) WCAG AA × Fail

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 197.0060, 34.2530, -20.5550 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 197.0060, 34.2530, -20.5550

Background



This preview shows how black text looks on a background with the YIQ color 197.0060, 34.2530, -20.5550.



This preview shows how white text looks on a background with the YIQ color 197.0060, 34.2530,

-20.5550.

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

197.0060, 34.2530, -20.5550

Protanopia

197.0170, 35.7200, -19.6080

Deuteranopia

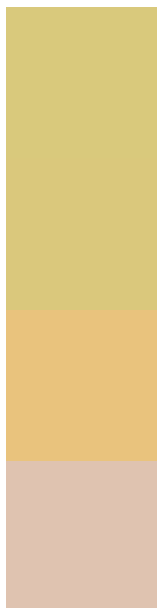
198.8390, 51.2610, -9.4030



Tritanopia

203.1750, 16.0450, 12.0850

Trichromacy



Original Color

197.0060, 34.2530, -20.5550

Protanomaly

196.7180, 35.1240, -19.8200

Deuteranomaly

198.3820, 45.1180, -13.7140

Tritanomaly

201.2060, 22.7870, 0.0270

Monochromacy



Original Color

197.0060, 34.2530, -20.5550

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.6020, 12.5640, -7.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.0060, 34.2530, -20.5550 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(217, 201, 124)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 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(217, 201, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 124) }
```

Border

The CSS property to change the border of an element to YIQ 197.0060, 34.2530, -20.5550 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(217, 201, 124) }
```


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

```
.border{ border-color:rgb(217, 201, 124) }
```

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

Here you see how a box with a 4 pixel rgb(217, 201, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 124);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 197.0060, 34.2530, -20.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 124) }
```

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

```
.background{ background-color: rgb(217,  
201, 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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