

Converting Colors

YIQ(193.3470, 35.0310,
-12.6250)

Have a look what the booklet for
YIQ(193.3470, 35.0310, -12.6250)
contains.

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Color

**YIQ(193.3470, 35.0310,
-12.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC085
RGB	219, 192, 133
RGB Percent	86%, 75%, 52%
CMY	0.1411, 0.2471, 0.4782
CMYK	0.00, 0.12, 0.39, 0.14
HSL	41°, 54%, 69%
HSV	41°, 39%, 86%
XYZ	52.2995, 54.4501, 29.9608
YIQ	193.3470, 35.0310, -12.6250

Conversions

Conversions Part 2

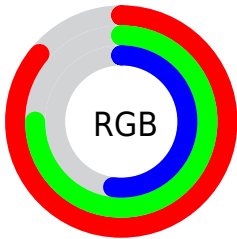
Format	Color
RYB	172, 219, 133
Decimal	14401669
CIELab	78.72, 1.43, 33.23
CIELCh	79, 33.262, 87.533
Yxy	54.4501, 0.3826, 0.3983
Android (android.graphics.Color)	4292591749 (0xFFDBC085)
YUV	193.3470, -29.7511, 22.4977
Hunter-Lab	73.7903, -2.6197, 27.5799

Details

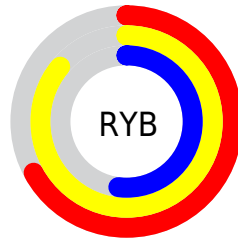
The YIQ color $193.3470, 35.0310, -12.6250$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $158.6530, -35.0310, 12.6250$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1390, 23.7530, -17.4870$, and $139.6780, 32.6010, -12.6390$ is the 20% darker color. If you saturate the color by 10%, you get $186.7300, 44.0180, -15.8060$, and if you desaturate by 10%, it is $199.9640, 26.0440, -9.4440$.

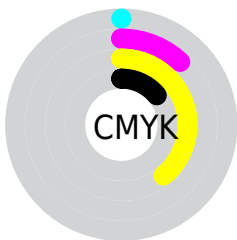
Distribution



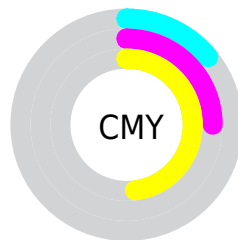
- Red (86%)
- Green (75%)
- Blue (52%)



- Red (67%)
- Yellow (86%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (39%)
- Black (14%)



- Cyan (14%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.3470, 35.0310, -12.6250 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 193.3470, 35.0310, -12.6250 by changing the saturation by 10% instead.

■ 193.3470, 35.0310,
-12.6250

■ 193.3470, 35.0310,
-12.6250

255.0000, -0.0000,
-0.0000

■ 165.8630, 33.5180,
-12.7380

■ 243.1390, 23.7530,
-17.4870

■ 139.7920, 32.2800,
-12.3280

■ 250.4400, 12.8400,
-12.4400

■ 113.4220, 30.4460,
-12.1300

■ 253.6320, 3.8520,
-3.7320

■ 88.8240, 29.2540,
-12.5540

■ 64.9270, 27.4660,
-13.1900

■ 43.4690, 23.0640,
-10.5040

■ 24.2540, 13.6640,

-5.3440

■ 0.0000, 0.0000,
0.0000

■ 193.3470, 35.0310,
-12.6250

■ 193.3470, 35.0310,
-12.6250

■ 186.7300, 44.0180,
-15.8060

■ 199.9640, 26.0440,
-9.4440

■ 180.1130, 53.0050,
-18.9870

■ 206.5810, 17.0570,
-6.2630

■ 173.4960, 61.9920,
-22.1680

■ 213.1980, 8.0700,
-3.0820

■ 166.8790, 70.9790,
-25.3490

■ 219.8150, -0.9170,
0.0990

■ 160.9630, 79.3700,
-28.7420

■ 225.8450, -9.6290,
3.8030

■ 154.3460, 88.3570,
-31.9230

■ 231.3220,
-15.4060, 3.8740

■ 153.5310, 89.2740,
-32.0220

■ 235.4310,
-17.3310, 0.2130

■ 239.5400,
-19.2560, -3.4480

■ 243.6490,
-21.1810, -7.1090

Harmonies

Analogous

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



196.2060, 49.1500, 1.3260



193.3470, 35.0310, -12.6250



190.3330, 11.2830, -22.7730

Triad

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



193.3470, 35.0310, -12.6250



177.5700, -72.6670, -21.1710



199.8460, 16.1340, 26.9980

Complementary

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



193.3470, 35.0310, -12.6250



158.6530, -35.0310, 12.6250

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.



197.4600, -15.1340, 20.9780



193.3470, 35.0310, -12.6250



182.1440, -70.9270, -8.6470

Square

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



193.3470, 35.0310, -12.6250



180.9020, -50.4750, -26.8830



191.0320, -46.5840, 7.2400



199.2970, 39.6090, 25.5690

Rectangle

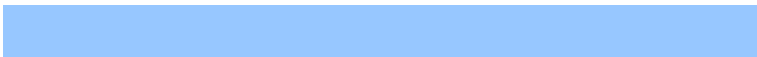
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193.3470, 35.0310, -12.6250



187.5740, -8.5690, -26.4330



191.0320, -46.5840, 7.2400



199.3440, 5.8640, 25.8960

Sweetspot

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



193.3470, 35.0310, -12.6250



245.5960, 12.7010, -4.4110



161.7920, 42.5890, 26.6290



122.4260, 7.4280, -2.4600



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.



193.3470, 35.0310, -12.6250



219.0140, 48.9700, -17.4460



204.4120, 18.0700, -30.1380



106.3980, 4.6310, -1.3290



121.5800, 70.3830, -25.5610



31.9510, 18.8910, -6.4610

Inverse Universe

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



158.6530, -35.0310, 12.6250



170.9860, -48.9700, 17.4460



147.5880, -18.0700, 30.1380



102.0150, -4.3560, 1.8520



51.4200, -70.3830, 25.5610



13.4620, -18.6160, 6.9840

Previews

White Background



This preview shows how the YIQ color 193.3470, 35.0310, -12.6250 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 193.3470, 35.0310, -12.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

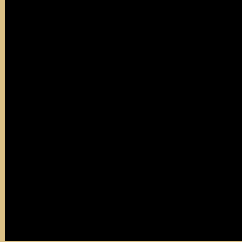
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.3470, 35.0310, -12.6250

Background



This preview shows how black text looks on a background with the YIQ color 193.3470, 35.0310, -12.6250.



This preview shows how white text looks on a background with the YIQ color 193.3470, 35.0310, -12.6250.

-12.6250.

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

193.3470, 35.0310, -12.6250

Protanopia

192.8300, 29.1170, -15.5790

Deuteranopia

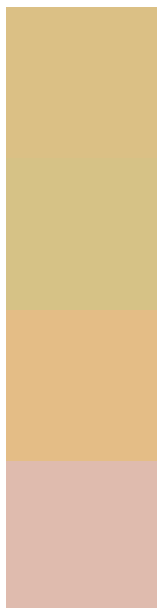
194.7120, 44.4290, -6.7310



Tritanopia

198.1540, 20.5380, 13.2580

Trichromacy



Original Color

193.3470, 35.0310, -12.6250

Protanomaly

193.1400, 31.1800, -14.4200

Deuteranomaly

194.3910, 40.8990, -8.8370

Tritanomaly

196.2820, 25.6290, 3.5890

Monochromacy



Original Color

193.3470, 35.0310, -12.6250

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.1830, 12.4260, -4.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.3470, 35.0310, -12.6250 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(219, 192, 133)` looks like.

```
.text, #text, p{  
    color:rgb(219, 192, 133)  
}
```

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(219, 192, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 192, 133) }
```

Border

The CSS property to change the border of an element to YIQ 193.3470, 35.0310, -12.6250 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(219, 192, 133) }
```


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

```
.border{ border-color:rgb(219, 192, 133) }
```

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

Here you see how a box with a 4 pixel rgb(219, 192, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 192, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 192, 133);  
box-shadow:4px 4px 4px 4px rgb(219, 192,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 193.3470, 35.0310, -12.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 192, 133) }
```

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

```
.background{ background-color: rgb(219,  
192, 133) }
```

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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