

Converting Colors

YIQ(175.7540, 35.4430, -9.0770)

Have a look what the booklet for
YIQ(175.7540, 35.4430, -9.0770)
contains.

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Color

**YIQ(175.7540, 35.4430,
-9.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	CCAC79
RGB	204, 172, 121
RGB Percent	80%, 67%, 47%
CMY	0.2000, 0.3255, 0.5253
CMYK	0.00, 0.16, 0.41, 0.20
HSL	37°, 45%, 64%
HSV	37°, 41%, 80%
XYZ	43.1089, 43.7204, 24.2707
YIQ	175.7540, 35.4430, -9.0770

Conversions

Conversions Part 2

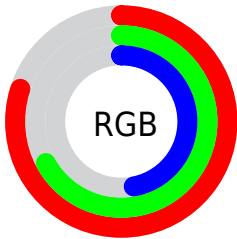
Format	Color
RYB	173, 204, 121
Decimal	13413497
CIELab	72.04, 4.67, 30.53
CIELCh	72, 30.885, 81.299
Yxy	43.7204, 0.3880, 0.3935
Android (android.graphics.Color)	4291603577 (0xFFCCAC79)
YUV	175.7540, -26.9937, 24.7717
Hunter-Lab	66.1214, 0.6633, 24.5218

Details

The YIQ color **175.7540, 35.4430, -9.0770** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.2460, -35.4430, 9.0770**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.3300, 33.7010, -10.5470**, and **122.9000, 32.0960, -8.9920** is the 20% darker color. If you saturate the color by 10%, you get **168.7780, 44.0630, -11.1130**, and if you desaturate by 10%, it is **182.7300, 26.8230, -7.0410**.

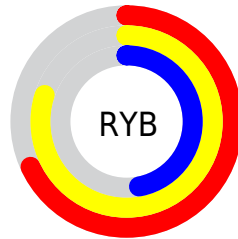
Distribution



Red (80%)

Green (67%)

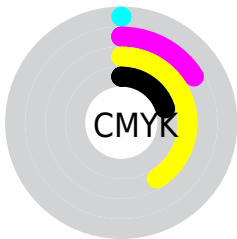
Blue (47%)



Red (68%)

Yellow (80%)

Blue (47%)

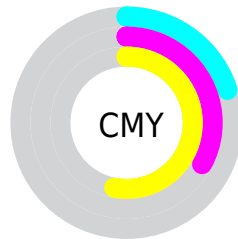


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (20%)



Cyan (20%)


Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.7540, 35.4430, -9.0770 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 175.7540, 35.4430, -9.0770 by changing the saturation by 10% instead.

 175.7540, 35.4430,
-9.0770


 175.7540, 35.4430,
-9.0770


255.0000, -0.0000,
-0.0000


 148.6830, 34.2050,
-8.6670


 229.3300, 33.7010,
-10.5470


 122.9000, 32.0960,
-8.9920


 248.8440, 17.3340,
-16.7940

 97.4160, 30.5830,
-9.1050

 252.1500, 8.0250,
-7.7750

 73.6330, 28.4740,
-9.4300

 49.8070, 27.9240,
-10.4760

 30.1900, 19.7160,
-4.8920

 7.7410, 11.0950,

2.6710

0.0000, 0.0000,
0.0000

175.7540, 35.4430,
-9.0770

175.7540, 35.4430,
-9.0770

168.7780, 44.0630,
-11.1130

182.7300, 26.8230,
-7.0410

161.6880, 53.0040,
-13.4600

189.8200, 17.8820,
-4.6940

154.7120, 61.6240,
-15.4960

196.7960, 9.2620,
-2.6580

147.6220, 70.5650,
-17.8430

203.2990, 0.5960,
0.2120

141.2330, 78.9100,
-20.4020

210.2750, -8.0240,
2.2480

■ 134.3710, 87.2090,
-22.1270

■ 217.2510,
-16.6440, 4.2840

■ 223.3150,
-22.6960, 3.8320

■ 228.0110,
-24.8960, -0.3520

■ 232.7070,
-27.0960, -4.5360

Harmonies

Analogous

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



178.2320, 46.2610, 4.1250



175.7540, 35.4430, -9.0770



172.8930, 15.6380, -19.0980

Triad

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



175.7540, 35.4430, -9.0770



161.3600, -63.2680, -20.8040



181.1440, 9.3030, 24.1430

Complementary

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



175.7540, 35.4430, -9.0770



149.2460, -35.4430, 9.0770

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.



177.6010, -20.0850, 17.0910



175.7540, 35.4430, -9.0770



163.8300, -67.1670, -10.7110

Square

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



175.7540, 35.4430, -9.0770



164.9310, -40.2510, -24.9470



171.5540, -48.2340, 4.1020



180.6490, 32.6860, 24.3820

Rectangle

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



175.7540, 35.4430, -9.0770



170.3900, -2.0590, -23.2670



171.5540, -48.2340, 4.1020



180.4140, -0.3250, 22.4190

Sweetspot

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



175.7540, 35.4430, -9.0770



244.4220, 13.2510, -3.3650



149.5790, 38.8750, 27.8590



121.8390, 7.7030, -1.9370



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.



175.7540, 35.4430, -9.0770



212.5740, 53.3250, -13.7710



192.1460, 21.8750, -27.5090



98.5120, 4.3100, -1.0180



109.5080, 70.8860, -18.1540



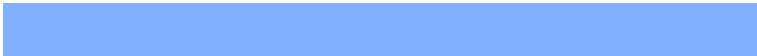
24.8630, 16.3230, -3.9730

Inverse Universe

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



149.2460, -35.4430, 9.0770



172.4260, -53.3250, 13.7710



132.8540, -21.8750, 27.5090



95.4880, -4.3100, 1.0180



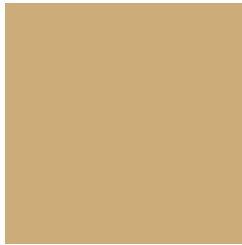
56.4920, -70.8860, 18.1540



13.1370, -16.3230, 3.9730

Previews

White Background



This preview shows how the YIQ color 175.7540, 35.4430, -9.0770 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 175.7540, 35.4430, -9.0770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

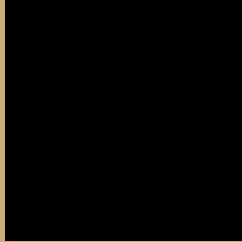
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.7540, 35.4430, -9.0770

Background



This preview shows how black text looks on a background with the YIQ color 175.7540, 35.4430, -9.0770.



This preview shows how white text looks on a background with the YIQ color 175.7540, 35.4430,

-9.0770.

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

175.7540, 35.4430, -9.0770

Protanopia

175.0300, 25.6780, -13.8260

Deuteranopia

176.2000, 40.1190, -5.7130



Tritanopia

179.8230, 22.9680, 13.2720

Trichromacy



Original Color

175.7540, 35.4430, -9.0770

Protanomaly

175.2370, 29.5290, -12.0310

Deuteranomaly

175.8900, 38.0560, -6.8720

Tritanomaly

178.7060, 27.3710, 5.0590

Monochromacy



Original Color

175.7540, 35.4430, -9.0770

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.1230, 12.6550, -3.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.7540, 35.4430, -9.0770 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(204, 172, 121)` looks like.

```
.text, #text, p{  
    color:rgb(204, 172, 121)  
}
```

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(204, 172, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 172, 121) }
```

Border

The CSS property to change the border of an element to YIQ 175.7540, 35.4430, -9.0770 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(204, 172, 121) }
```


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

```
.border{ border-color:rgb(204, 172, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 172, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 172, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 172, 121);  
box-shadow:4px 4px 4px 4px rgb(204, 172,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 175.7540, 35.4430, -9.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 172, 121) }
```

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

```
.background{ background-color: rgb(204,  
172, 121) }
```

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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