

Converting Colors

YIQ(149.9700, 35.0750, -2.4050)

Have a look what the booklet for
YIQ(149.9700, 35.0750, -2.4050)
contains.

YIQ(149.9700, 35.0750, -2.4050)	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(149.9700, 35.0750,
-2.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	B68E6B
RGB	182, 142, 107
RGB Percent	71%, 56%, 42%
CMY	0.2862, 0.4432, 0.5802
CMYK	0.00, 0.22, 0.41, 0.29
HSL	28°, 34%, 57%
HSV	28°, 41%, 71%
XYZ	31.6224, 30.3508, 18.1132
YIQ	149.9700, 35.0750, -2.4050

Conversions

Conversions Part 2

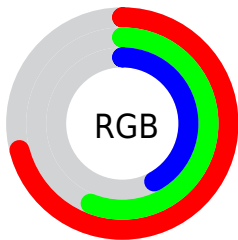
Format	Color
RYB	182, 173, 107
Decimal	11964011
CIELab	61.96, 10.45, 24.41
CIELCh	62, 26.552, 66.833
Yxy	30.3508, 0.3949, 0.3790
Android (android.graphics.Color)	4290154091 (0xFFB68E6B)
YUV	149.9700, -21.1842, 28.0903
Hunter-Lab	55.0915, 6.0483, 19.0705

Details

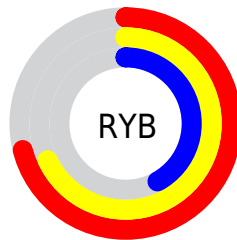
The YIQ color **149.9700, 35.0750, -2.4050** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **139.0300, -35.0750, 2.4050**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.6390, 37.5050, -2.3910**, and **98.7030, 31.4530, -2.8430** is the 20% darker color. If you saturate the color by 10%, you get **142.0480, 43.6030, -2.7730**, and if you desaturate by 10%, it is **157.8920, 26.5470, -2.0370**.

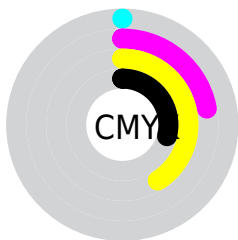
Distribution



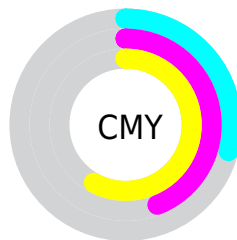
- Red (71%)
- Green (56%)
- Blue (42%)



- Red (71%)
- Yellow (68%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.9700, 35.0750, -2.4050 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 149.9700, 35.0750, -2.4050 by changing the saturation by 10% instead.


 149.9700, 35.0750,
-2.4050


 149.9700, 35.0750,
-2.4050


255.0000, -0.0000,
-0.0000


 123.6000, 33.2410,
-2.2070


 204.6390, 37.5050,
-2.3910


 98.7030, 31.4530,
-2.8430


 228.9370, 30.6740,
-5.2460


 74.3330, 29.6190,
-2.6450

 248.5650, 13.9860,
-11.1820

 51.5500, 27.5100,
-2.9700

 253.5180, 4.1730,
-4.0430

 30.2230, 24.1170,
-2.0510

 8.3720, 16.6880,
5.9360

 0.0000, 0.0000,

0.0000

■ 149.9700, 35.0750,
-2.4050

■ 149.9700, 35.0750,
-2.4050

■ 142.0480, 43.6030,
-2.7730

■ 157.8920, 26.5470,
-2.0370

■ 134.7130, 51.8560,
-3.6640

■ 165.2270, 18.2940,
-1.1460

■ 126.6770, 60.7050,
-4.3430

■ 173.2630, 9.4450,
-0.4670

■ 118.7550, 69.2330,
-4.7110

■ 181.1850, 0.9170,
-0.0990

■ 110.8330, 77.7610,
-5.0790

■ 189.1070, -7.6110,
0.2690

■ 104.3130, 85.0970,
-5.8710

■ 196.4420,
-15.8640, 1.1600

■ 204.3640,
-24.3920, 1.5280

■ 212.4000,
-33.2410, 2.2070

■ 217.9110,
-36.3580, -1.8780

Harmonies

Analogous

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



151.5720, 39.6120, 8.9880



149.9700, 35.0750, -2.4050



147.9310, 21.6430, -12.2850

Triad

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



149.9700, 35.0750, -2.4050



138.3530, -44.1950, -19.5470



152.5120, -3.7170, 17.8110

Complementary

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



149.9700, 35.0750, -2.4050



139.0300, -35.0750, 2.4050

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.



148.3670, -28.4740, 9.4300



149.9700, 35.0750, -2.4050



137.4090, -55.7960, -13.0440

Square

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



149.9700, 35.0750, -2.4050



141.6190, -21.6370, -20.8770



142.1530, -48.7830, -2.4710



153.5270, 18.2900, 20.9620

Rectangle

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



149.9700, 35.0750, -2.4050



146.2390, 8.8520, -17.2600



142.1530, -48.7830, -2.4710



151.8530, -12.1070, 15.6770

Sweetspot

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



149.9700, 35.0750, -2.4050



225.0030, 13.1130, -0.8630



134.0990, 31.5390, 28.6510



112.7790, 7.9320, -0.5800



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



149.9700, 35.0750, -2.4050



187.3820, 54.2860, -3.6500



171.1020, 25.1750, -21.2330



88.0390, 4.2640, -0.1840



88.9080, 73.1760, -4.5840



16.0030, 13.1130, -0.8630

Inverse Universe

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



139.0300, -35.0750, 2.4050



170.6180, -54.2860, 3.6500



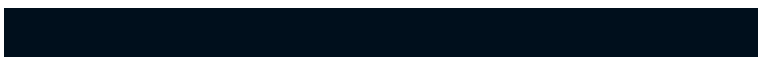
117.8980, -25.1750, 21.2330



86.9610, -4.2640, 0.1840



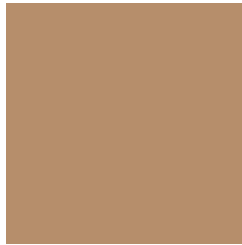
66.5050, -72.9010, 5.1070



11.9970, -13.1130, 0.8630

Previews

White Background



This preview shows how the YIQ color 149.9700, 35.0750, -2.4050 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 149.9700, 35.0750, -2.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

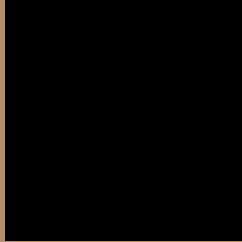
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.9700, 35.0750, -2.4050

Background



This preview shows how black text looks on a background with the YIQ color 149.9700, 35.0750, -2.4050.



This preview shows how white text looks on a background with the YIQ color 149.9700, 35.0750, -2.4050.

-2.4050.

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

149.9700, 35.0750, -2.4050

Protanopia

148.7290, 19.3960, -10.1080

Deuteranopia

149.9480, 32.1410, -4.2990



Tritanopia

152.7910, 25.9940, 13.4980

Trichromacy



Original Color

149.9700, 35.0750, -2.4050

Protanomaly

149.2460, 25.3100, -7.1540

Deuteranomaly

149.6600, 33.0120, -3.5640

Tritanomaly

151.9560, 29.6630, 7.5750

Monochromacy



Original Color

149.9700, 35.0750, -2.4050

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0030, 13.1130, -0.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9700, 35.0750, -2.4050 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(182, 142, 107)` looks like.

```
.text, #text, p{  
    color:rgb(182, 142, 107)  
}
```

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(182, 142, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 142, 107) }
```

Border

The CSS property to change the border of an element to YIQ 149.9700, 35.0750, -2.4050 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(182, 142, 107) }
```


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

```
.border{ border-color:rgb(182, 142, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 142, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 142, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 142, 107); box-shadow:4px 4px 4px 4px rgb(182, 142, 107) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9700, 35.0750, -2.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 142, 107) }
```

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

```
.background{ background-color: rgb(182,  
142, 107) }
```

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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