

Converting Colors

YIQ(165.4530, 47.4970, 14.7690)

Have a look what the booklet for
YIQ(165.4530, 47.4970, 14.7690)
contains.

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Color

**YIQ(165.4530, 47.4970,
14.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8F8A
RGB	220, 143, 138
RGB Percent	86%, 56%, 54%
CMY	0.1371, 0.4393, 0.4586
CMYK	0.00, 0.35, 0.37, 0.14
HSL	4°, 54%, 70%
HSV	4°, 37%, 86%
XYZ	43.9377, 36.6944, 28.8303
YIQ	165.4530, 47.4970, 14.7690

Conversions

Conversions Part 2

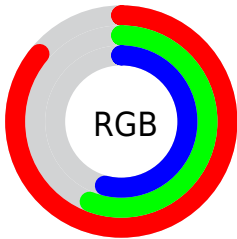
Format	Color
R _Y B	220, 143, 138
Decimal	14454666
CIE Lab	67.05, 28.65, 14.76
CIE LCh	67, 32.223, 27.255
Yxy	36.6944, 0.4014, 0.3352
Android (android.graphics.Color)	4292644746 (0xFFDC8F8A)
YUV	165.4530, -13.5343, 47.8377
Hunter-Lab	60.5759, 23.4641, 14.1848

Details

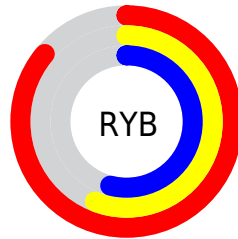
The YIQ color **165.4530, 47.4970, 14.7690** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **192.5470, -47.4970, -14.7690**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6580, 36.4940, 10.4300**, and **112.7730, 43.6000, 13.8080** is the 20% darker color. If you saturate the color by 10%, you get **150.6180, 60.3340, 18.9100**, and if you desaturate by 10%, it is **180.2880, 34.6600, 10.6280**.

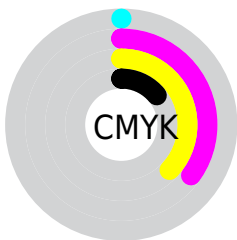
Distribution



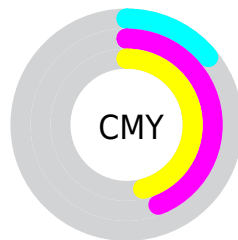
- Red (86%)
- Green (56%)
- Blue (54%)



- Red (86%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.4530, 47.4970, 14.7690 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 165.4530, 47.4970, 14.7690 by changing the saturation by 10% instead.

■ 165.4530, 47.4970,
14.7690

■ 165.4530, 47.4970,
14.7690

■ 255.0000, -0.0000,
-0.0000

■ 138.6700, 45.3880,
14.4440

■ 213.6580, 36.4940,
10.4300

■ 112.7730, 43.6000,
13.8080

■ 233.8730, 19.5310,
3.9710

■ 87.1040, 41.1700,
13.7940

■ 253.6150, 2.5220,
-1.6540

■ 62.4350, 38.7400,
13.7800

■ 38.4670, 35.7140,
13.5540

■ 16.7440, 33.3760,
11.8720

■ 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 165.4530, 47.4970,
14.7690

■ 165.4530, 47.4970,
14.7690

■ 150.6180, 60.3340,
18.9100

■ 180.2880, 34.6600,
10.6280

■ 136.3700, 72.8960,
22.5280

■ 194.5360, 22.0980,
7.0100

■ 121.5350, 85.7330,
26.6690

■ 209.3710, 9.2610,
2.8690

■ 106.7000, 98.5700,
30.8100

■ 224.2060, -3.5760,
-1.2720

■ 92.4520, 111.1320,
34.4280

■ 238.4540,
-16.1380, -4.8900

■ 77.6170, 123.9690,
38.5690

■ 244.5350,
-20.8600, -7.4200

■ 73.4110, 127.5450,
39.8410

Harmonies

Analogous

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



166.6880, 36.9500, 24.1980



165.4530, 47.4970, 14.7690



163.9390, 45.5280, 0.8880

Triad

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



165.4530, 47.4970, 14.7690



154.7240, -17.7390, -25.4430



158.8040, -45.9420, 6.6180

Complementary

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



165.4530, 47.4970, 14.7690



192.5470, -47.4970, -14.7690

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.



149.2150, -69.6890, -9.0570



165.4530, 47.4970, 14.7690



149.2120, -48.4120, -25.7240

Square

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



165.4530, 47.4970, 14.7690



158.2020, 10.2740, -21.0060



144.5700, -72.6670, -21.1710



165.4060, -15.0420, 19.3100

Rectangle

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



165.4530, 47.4970, 14.7690



162.3630, 38.1020, -7.7060



144.5700, -72.6670, -21.1710



155.8520, -55.0650, 1.2470

Sweetspot

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



165.4530, 47.4970, 14.7690



236.5460, 16.1380, 4.8900



171.4100, 23.8340, 41.6420



116.6700, 9.8570, 3.0810



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.



165.4530, 47.4970, 14.7690



178.4940, 66.6150, 20.7190



188.9330, 36.4970, -6.1510



102.2890, 6.5560, 2.3320



57.5970, 100.3580, 31.4460



15.5150, 26.5910, 8.1830

Inverse Universe

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



192.5470, -47.4970, -14.7690



216.5060, -66.6150, -20.7190



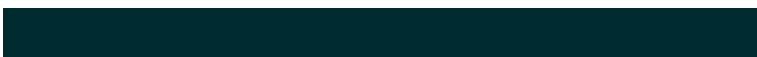
169.0670, -36.4970, 6.1510



106.1240, -6.2810, -1.8090



115.4030, -100.3580, -31.4460



30.4850, -26.5910, -8.1830

Previews

White Background



This preview shows how the YIQ color 165.4530, 47.4970, 14.7690 looks on a white background.

Color Contrast Check

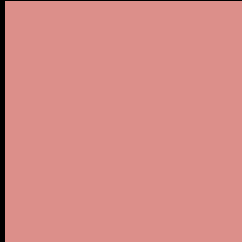
Large Text (above 18pt) WCAG AA × Fail

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 165.4530, 47.4970, 14.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

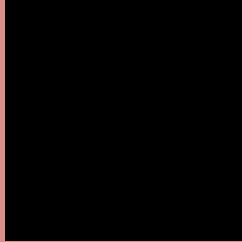
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4530, 47.4970, 14.7690

Background



This preview shows how black text looks on a background with the YIQ color 165.4530, 47.4970, 14.7690.



This preview shows how white text looks on a background with the YIQ color 165.4530, 47.4970,

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

165.4530, 47.4970, 14.7690

Protanopia

163.3830, 8.9870, -3.1810

Deuteranopia

164.0600, 26.1340, -0.0580



Tritanopia

166.1740, 44.1490, 20.3810

Trichromacy



Original Color

165.4530, 47.4970, 14.7690

Protanomaly

164.2000, 22.9240, 3.0520

Deuteranomaly

164.5280, 33.7440, 5.2000

Tritanomaly

166.1910, 45.4790, 18.3030

Monochromacy



Original Color

165.4530, 47.4970, 14.7690

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.1440, 17.3300, 5.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4530, 47.4970, 14.7690 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(220, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(220, 143, 138)  
}
```

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(220, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 143, 138) }
```

Border

The CSS property to change the border of an element to YIQ 165.4530, 47.4970, 14.7690 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(220, 143, 138) }
```


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

```
.border{ border-color:rgb(220, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(220, 143,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4530, 47.4970, 14.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 143, 138) }
```

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

```
.background{ background-color: rgb(220,  
143, 138) }
```

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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