

Converting Colors

YIQ(146.4530, 47.4970, 14.7690)

Have a look what the booklet for
YIQ(146.4530, 47.4970, 14.7690)
contains.

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Color

**YIQ(146.4530, 47.4970,
14.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	C97C77
RGB	201, 124, 119
RGB Percent	79%, 49%, 47%
CMY	0.2116, 0.5138, 0.5331
CMYK	0.00, 0.38, 0.41, 0.21
HSL	4°, 43%, 63%
HSV	4°, 41%, 79%
XYZ	34.6361, 28.1641, 21.0789
YIQ	146.4530, 47.4970, 14.7690

Conversions

Conversions Part 2

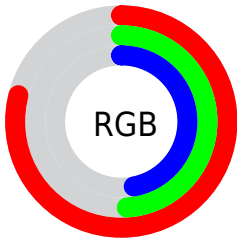
Format	Color
R_{YB}	201, 124, 119
Decimal	13204599
CIE Lab	60.04, 29.39, 15.40
CIE LCh	60, 33.181, 27.653
Yxy	28.1641, 0.4129, 0.3358
Android (android.graphics.Color)	4291394679 (0xFFC97C77)
YUV	146.4530, -13.5343, 47.8377
Hunter-Lab	53.0699, 23.6256, 13.5994

Details

The YIQ color **146.4530, 47.4970, 14.7690** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **173.5470, -47.4970, -14.7690**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6380, 48.4140, 14.6700**, and **94.5880, 42.6830, 13.9070** is the 20% darker color. If you saturate the color by 10%, you get **133.0200, 59.1420, 18.4860**, and if you desaturate by 10%, it is **159.8860, 35.8520, 11.0520**.

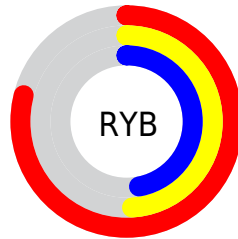
Distribution



Red (79%)

Green (49%)

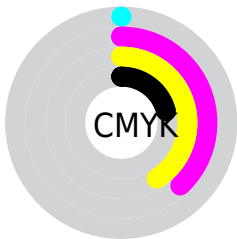
Blue (47%)



Red (79%)

Yellow (49%)

Blue (47%)

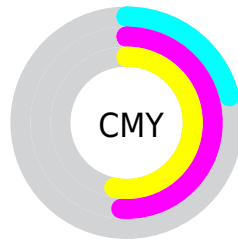


Cyan (0%)

Magenta (38%)

Yellow (41%)

Black (21%)



Cyan (21%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.4530, 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 146.4530, 47.4970, 14.7690 by changing the saturation by 10% instead.


 146.4530, 47.4970,
14.7690


 146.4530, 47.4970,
14.7690


255.0000, -0.0000,
-0.0000


 119.6700, 45.3880,
14.4440

 199.6380, 48.4140,
14.6700


 94.5880, 42.6830,
13.9070


 219.2660, 31.7260,
8.7340

 69.8050, 40.5740,
13.5820

 239.4810, 14.7630,
2.2750

 45.2500, 37.8230,
13.8790

 19.8370, 37.5480,
13.3560

 12.6720, 24.7110,
9.2150

 0.0000, 0.0000,

0.0000

■ 146.4530, 47.4970,
14.7690

■ 146.4530, 47.4970,
14.7690

■ 133.0200, 59.1420,
18.4860

■ 159.8860, 35.8520,
11.0520

■ 119.5870, 70.7870,
22.2030

■ 173.3190, 24.2070,
7.3350

■ 106.1540, 82.4320,
25.9200

■ 186.7520, 12.5620,
3.6180

■ 92.7210, 94.0770,
29.6370

■ 200.1850, 0.9170,
-0.0990

■ 79.2880, 105.7220,
33.3540

■ 213.1450,
-10.7740, -2.9820

■ 67.1430, 116.4960,
36.3360

■ 226.5780,
-22.4190, -6.6990

■ 238.8540,
-32.1840, -11.4480

Harmonies

Analogous

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



147.6880, 36.9500, 24.1980



146.4530, 47.4970, 14.7690



144.9390, 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.



146.4530, 47.4970, 14.7690



135.4250, -18.3350, -25.6550



139.3200, -47.4550, 6.5050

Complementary

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



146.4530, 47.4970, 14.7690



173.5470, -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.



127.3280, -77.4370, -11.8130



146.4530, 47.4970, 14.7690



128.5320, -52.3090, -26.6850

Square

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



146.4530, 47.4970, 14.7690



139.7890, 9.9990, -21.5290



119.9920, -85.7790, -25.8350



146.7050, -14.4460, 19.5220

Rectangle

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



146.4530, 47.4970, 14.7690



143.9500, 37.8270, -8.2290



119.9920, -85.7790, -25.8350



135.7700, -57.7700, 0.7100

Sweetspot

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



146.4530, 47.4970, 14.7690



234.4430, 17.9260, 5.5260



152.4100, 23.8340, 41.6420



115.9690, 10.4530, 3.2930



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.



146.4530, 47.4970, 14.7690



172.0710, 72.3000, 22.3160



169.9330, 36.4970, -6.1510



92.6910, 5.3640, 1.9080



54.6070, 94.3980, 29.3260



11.9380, 20.9060, 6.5860

Inverse Universe

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



173.5470, -47.4970, -14.7690



212.9290, -72.3000, -22.3160



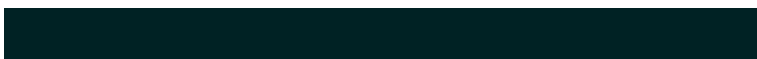
150.0670, -36.4970, 6.1510



96.3090, -5.3640, -1.9080



108.3930, -94.3980, -29.3260



24.0620, -20.9060, -6.5860

Previews

White Background



This preview shows how the YIQ color 146.4530, 47.4970, 14.7690 looks on a white background.

Color Contrast Check

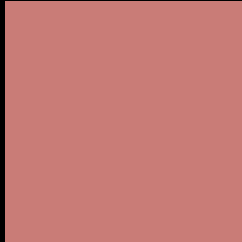
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.4530, 47.4970, 14.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

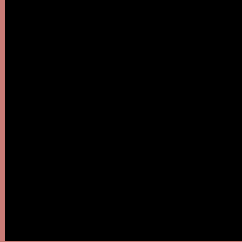
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.4530, 47.4970, 14.7690

Background



This preview shows how black text looks on a background with the YIQ color 146.4530, 47.4970, 14.7690.



This preview shows how white text looks on a background with the YIQ color 146.4530, 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

146.4530, 47.4970, 14.7690

Protanopia

144.9700, 8.7120, -3.7040

Deuteranopia

145.3480, 25.2630, -0.7930



Tritanopia

146.9460, 44.7910, 19.7590

Trichromacy



Original Color

146.4530, 47.4970, 14.7690

Protanomaly

145.2000, 22.9240, 3.0520

Deuteranomaly

146.1150, 33.4690, 4.6770

Tritanomaly

147.0770, 45.8000, 17.9920

Monochromacy



Original Color

146.4530, 47.4970, 14.7690

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1440, 17.3300, 5.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.4530, 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(201, 124, 119)` looks like.

```
.text, #text, p{  
    color:rgb(201, 124, 119)  
}
```

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(201, 124, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 124, 119) }
```

Border

The CSS property to change the border of an element to YIQ 146.4530, 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(201, 124, 119) }
```


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

```
.border{ border-color:rgb(201, 124, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 124, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 124, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 124, 119);  
box-shadow:4px 4px 4px 4px rgb(201, 124,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 146.4530, 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(201, 124, 119) }
```

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

```
.background{ background-color: rgb(201,  
124, 119) }
```

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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