

Converting Colors

YIQ(146.8510, 16.5970, 2.0770)

Have a look what the booklet for
YIQ(146.8510, 16.5970, 2.0770)
contains.

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Color

**YIQ(146.8510, 16.5970,
2.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	A48D84
RGB	164, 141, 132
RGB Percent	64%, 55%, 52%
CMY	0.3568, 0.4471, 0.4823
CMYK	0.00, 0.14, 0.20, 0.36
HSL	17°, 15%, 58%
HSV	17°, 20%, 64%
XYZ	29.0020, 28.6072, 25.8296
YIQ	146.8510, 16.5970, 2.0770

Conversions

Conversions Part 2

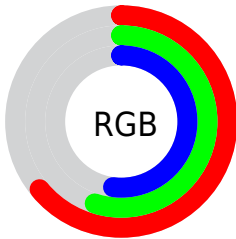
Format	Color
RYB	164, 145, 132
Decimal	10784132
CIELab	60.43, 7.16, 7.97
CIELCh	60, 10.717, 48.075
Yxy	28.6072, 0.3476, 0.3429
Android (android.graphics.Color)	4288974212 (0xFFA48D84)
YUV	146.8510, -7.3215, 15.0397
Hunter-Lab	53.4857, 3.1896, 8.8073

Details

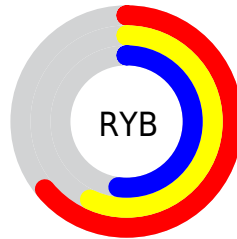
The YIQ color **146.8510, 16.5970, 2.0770** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **149.1490, -16.5970, -2.0770**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0360, 17.5140, 1.9780**, and **96.3670, 15.0840, 1.9640** is the 20% darker color. If you saturate the color by 10%, you get **137.9830, 25.0330, 3.3770**, and if you desaturate by 10%, it is **155.7190, 8.1610, 0.7770**.

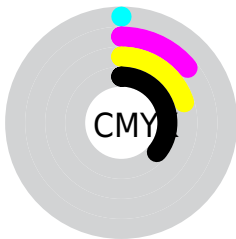
Distribution



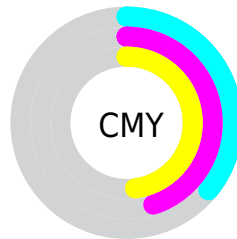
- Red (64%)
- Green (55%)
- Blue (52%)



- Red (64%)
- Yellow (57%)
- Blue (52%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.8510, 16.5970, 2.0770 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 146.8510, 16.5970, 2.0770 by changing the saturation by 10% instead.


 146.8510, 16.5970,
2.0770


 146.8510, 16.5970,
2.0770


255.0000, -0.0000,
-0.0000


 120.9650, 16.2760,
2.3880


 201.0360, 17.5140,
1.9780


 96.3670, 15.0840,
1.9640


 229.3350, 18.1100,
2.1900

 72.1820, 14.1670,
2.0630

 251.0560, 5.5940,
-2.2620

 49.5840, 12.9750,
1.6390

 28.2850, 12.3790,
1.4270

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 146.8510, 16.5970,
2.0770

■ 146.8510, 16.5970,
2.0770

■ 137.9830, 25.0330,
3.3770

■ 155.7190, 8.1610,
0.7770

■ 129.0010, 33.7900,
4.3660

■ 164.7010, -0.5960,
-0.2120

■ 120.7200, 41.9510,
5.1430

■ 172.9820, -8.7570,
-0.9890

■ 111.7380, 50.7080,
6.1320

■ 181.9640,
-17.5140, -1.9780

■ 102.8700, 59.1440,
7.4320

■ 190.8320,
-25.9500, -3.2780

■ 94.0020, 67.5800,
8.7320

■ 199.7000,
-34.3860, -4.5780

■ 85.0200, 76.3370,
9.7210

■ 208.6820,
-43.1430, -5.5670

■ 76.7390, 84.4980,
10.4980

■ 216.0510,
-48.7360, -8.8320

■ 76.0380, 85.0940,
10.7100

■ 223.0950,
-52.0360, -15.1080

Harmonies

Analogous

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



147.1870, 15.7710, 6.0350



146.8510, 16.5970, 2.0770



145.9490, 13.2050, -2.5310

Triad

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



146.8510, 16.5970, 2.0770



142.6840, -11.0940, -8.1980



146.5680, -7.2910, 5.4850

Complementary

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



146.8510, 16.5970, 2.0770



149.1490, -16.5970, -2.0770

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.



144.7410, -15.2680, 1.3720



146.8510, 16.5970, 2.0770



142.3290, -17.2840, -6.1480

Square

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



146.8510, 16.5970, 2.0770



143.8760, -2.8870, -8.2550



143.2520, -18.3850, -2.7130



147.4120, 2.0160, 7.5200

Rectangle

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



146.8510, 16.5970, 2.0770



145.3290, 9.0790, -4.8490



143.2520, -18.3850, -2.7130



145.9590, -9.9500, 4.1140

Sweetspot

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



146.8510, 16.5970, 2.0770



207.2350, 6.6480, 0.6640



144.1900, 11.6890, 13.9370



103.2670, 3.6220, 0.4380



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



146.8510, 16.5970, 2.0770



187.8690, 25.3540, 3.0660



156.2430, 12.1970, -6.2910



77.4520, 4.5390, 0.3390



67.4220, 75.1450, 9.2970



8.3170, 9.3530, 1.2010

Inverse Universe

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



149.1490, -16.5970, -2.0770



191.1310, -25.3540, -3.0660



139.7570, -12.1970, 6.2910



77.5480, -4.5390, -0.3390



78.1650, -75.4200, -9.8200



9.6830, -9.3530, -1.2010

Previews

White Background



This preview shows how the YIQ color 146.8510, 16.5970, 2.0770 looks on a white background.

Color Contrast Check

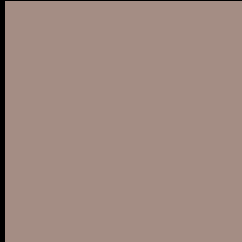
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.8510, 16.5970, 2.0770 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 × Fail

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

YIQ 146.8510, 16.5970, 2.0770

Background



This preview shows how black text looks on a background with the YIQ color 146.8510, 16.5970, 2.0770.



This preview shows how white text looks on a background with the YIQ color 146.8510, 16.5970,

2.0770.

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

146.8510, 16.5970, 2.0770

Protanopia

145.5400, 7.1070, -2.1490

Deuteranopia

147.1500, 17.1930, 2.2890



Tritanopia

147.6260, 13.1570, 9.3570

Trichromacy



Original Color

146.8510, 16.5970, 2.0770

Protanomaly

146.3340, 10.6830, -0.8770

Deuteranomaly

147.1500, 17.1930, 2.2890

Tritanomaly

147.2300, 14.2120, 6.7560

Monochromacy



Original Color

146.8510, 16.5970, 2.0770

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0500, 5.7310, 0.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.8510, 16.5970, 2.0770 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(164, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(164, 141, 132)  
}
```

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(164, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 141, 132) }
```

Border

The CSS property to change the border of an element to YIQ 146.8510, 16.5970, 2.0770 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(164, 141, 132) }
```


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

```
.border{ border-color:rgb(164, 141, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(164, 141,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 146.8510, 16.5970, 2.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 141, 132) }
```

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

```
.background{ background-color: rgb(164,  
141, 132) }
```

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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