

Converting Colors

YIQ(180.8420, 47.1790, -1.5010)

Have a look what the booklet for
YIQ(180.8420, 47.1790, -1.5010)
contains.

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Color

**YIQ(180.8420, 47.1790,
-1.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A97E
RGB	225, 169, 126
RGB Percent	88%, 66%, 49%
CMY	0.1175, 0.3373, 0.5057
CMYK	0.00, 0.25, 0.44, 0.12
HSL	26°, 62%, 69%
HSV	26°, 44%, 88%
XYZ	49.0129, 45.8869, 26.0315
YIQ	180.8420, 47.1790, -1.5010

Conversions

Conversions Part 2

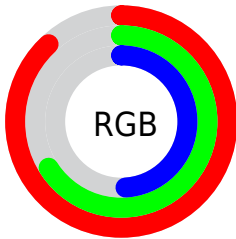
Format	Color
R _Y B	225, 202, 126
Decimal	14788990
CIE Lab	73.47, 15.30, 30.13
CIE LCh	73, 33.793, 63.083
Yxy	45.8869, 0.4053, 0.3794
Android (android.graphics.Color)	4292979070 (0xFFE1A97E)
YUV	180.8420, -27.0371, 38.7266
Hunter-Lab	67.7398, 10.6083, 24.6336

Details

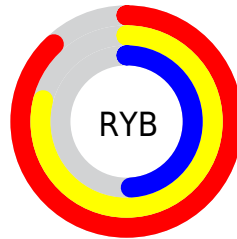
The YIQ color **180.8420, 47.1790, -1.5010** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **170.1580, -47.1790, 1.5010**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1390, 32.9210, -7.4230**, and **127.5750, 43.5570, -1.9390** is the 20% darker color. If you saturate the color by 10%, you get **170.7030, 57.8160, -1.5440**, and if you desaturate by 10%, it is **191.0950, 36.2210, -1.1470**.

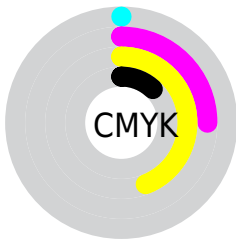
Distribution



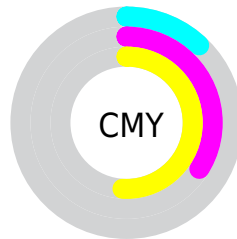
- Red (88%)
- Green (66%)
- Blue (49%)



- Red (88%)
- Yellow (79%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (12%)




- Cyan (12%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.8420, 47.1790, -1.5010 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 180.8420, 47.1790, -1.5010 by changing the saturation by 10% instead.


 180.8420, 47.1790,
-1.5010


 180.8420, 47.1790,
-1.5010


255.0000, -0.0000,
-0.0000


 153.4720, 45.3450,
-1.3030


 228.1390, 32.9210,
-7.4230


 127.5750, 43.5570,
-1.9390


 248.3540, 15.9580,
-13.8820

 101.9060, 41.1270,
-1.9530

 252.7200, 6.4200,
-6.2200

 76.9380, 38.1010,
-2.1790

 53.6280, 36.0380,
-3.3380

 32.6150, 28.8850,
-0.3550

 10.7640, 21.4560,

7.6320

■ 0.0000, 0.0000,
0.0000

■ 180.8420, 47.1790,
-1.5010

■ 180.8420, 47.1790,
-1.5010

■ 170.7030, 57.8160,
-1.5440

■ 191.0950, 36.2210,
-1.1470

■ 160.4500, 68.7740,
-1.8980

■ 200.6470, 25.8590,
-0.5810

■ 150.8980, 79.1360,
-2.4640

■ 210.9000, 14.9010,
-0.2270

■ 140.6450, 90.0940,
-2.8180

■ 221.0390, 4.2640,
-0.1840

■ 130.5060,
100.7310, -2.8610

■ 231.2920, -6.6940,
0.1700

■ 124.8010,
107.1500, -3.5540

■ 240.1600,
-15.1300, -1.1300

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



182.5520, 51.5320, 13.2280



180.8420, 47.1790, -1.5010



178.6130, 31.2260, -15.2540

Triad

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



180.8420, 47.1790, -1.5010



164.3080, -57.4900, -26.4020



183.3360, -8.8530, 22.7870

Complementary

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



180.8420, 47.1790, -1.5010



170.1580, -47.1790, 1.5010

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.



177.4780, -41.9080, 10.6040



180.8420, 47.1790, -1.5010



161.4600, -78.1690, -20.5770

Square

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



180.8420, 47.1790, -1.5010



170.2500, -25.2120, -27.6760



168.2090, -69.5520, -6.0320



185.0100, 21.5440, 28.0720

Rectangle

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



180.8420, 47.1790, -1.5010



176.1270, 14.8590, -21.5010



168.2090, -69.5520, -6.0320



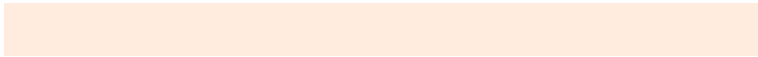
182.0680, -19.9020, 19.2820

Sweetspot

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



180.8420, 47.1790, -1.5010



240.0850, 15.8180, -0.3260



161.9850, 41.0280, 38.4040



118.5620, 10.0410, -0.2550



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.



180.8420, 47.1790, -1.5010



194.4110, 64.5100, -1.7140



209.6050, 33.7040, -27.1280



107.2240, 5.1810, -0.2830



97.2360, 83.9960, -2.4360



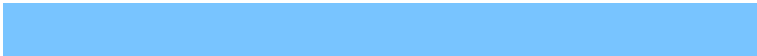
26.6790, 22.8330, -0.8070

Inverse Universe

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



170.1580, -47.1790, 1.5010



180.0020, -64.2350, 2.2370



141.3950, -33.7040, 27.1280



105.7760, -5.1810, 0.2830



78.7640, -83.9960, 2.4360



21.3210, -22.8330, 0.8070

Previews

White Background



This preview shows how the YIQ color 180.8420, 47.1790, -1.5010 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 180.8420, 47.1790, -1.5010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

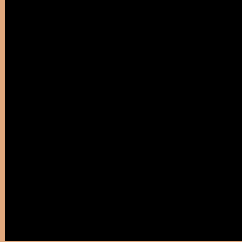
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.8420, 47.1790, -1.5010

Background



This preview shows how black text looks on a background with the YIQ color 180.8420, 47.1790, -1.5010.



This preview shows how white text looks on a background with the YIQ color 180.8420, 47.1790, -1.5010.

-1.5010.

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

180.8420, 47.1790, -1.5010

Protanopia

179.1870, 23.7980, -12.7940

Deuteranopia

180.3850, 41.0360, -5.8120



Tritanopia

184.4010, 36.0800, 17.9360

Trichromacy



Original Color

180.8420, 47.1790, -1.5010

Protanomaly

179.9000, 32.0960, -8.9920

Deuteranomaly

180.6950, 43.0990, -4.6530

Tritanomaly

182.9250, 40.1160, 10.8680

Monochromacy



Original Color

180.8420, 47.1790, -1.5010

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.1560, 17.0560, -0.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.8420, 47.1790, -1.5010 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(225, 169, 126)` looks like.

```
.text, #text, p{  
    color:rgb(225, 169, 126)  
}
```

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(225, 169, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 169, 126) }
```

Border

The CSS property to change the border of an element to YIQ 180.8420, 47.1790, -1.5010 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(225, 169, 126) }
```


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

```
.border{ border-color:rgb(225, 169, 126) }
```

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

Here you see how a box with a 4 pixel rgb(225, 169, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 169, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 169, 126);  
box-shadow:4px 4px 4px 4px rgb(225, 169,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 180.8420, 47.1790, -1.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 169, 126) }
```

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

```
.background{ background-color: rgb(225,  
169, 126) }
```

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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