

Converting Colors

YIQ(156.6210, 47.0840, 16.7480)

Have a look what the booklet for
YIQ(156.6210, 47.0840, 16.7480)
contains.

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Color

**YIQ(156.6210, 47.0840,
16.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	D48585
RGB	212, 133, 133
RGB Percent	83%, 52%, 52%
CMY	0.1684, 0.4785, 0.4782
CMYK	0.00, 0.37, 0.37, 0.17
HSL	360°, 48%, 68%
HSV	360°, 37%, 83%
XYZ	39.7851, 32.4649, 26.3770
YIQ	156.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

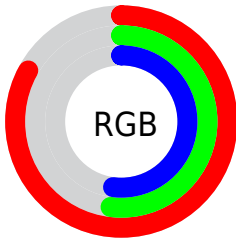
Format	Color
R _Y B	212, 133, 133
Decimal	13927813
CIE Lab	63.73, 30.38, 12.78
CIE LCh	64, 32.958, 22.817
Yxy	32.4649, 0.4034, 0.3292
Android (android.graphics.Color)	4292117893 (0xFFD48585)
YUV	156.6210, -11.6452, 48.5674
Hunter-Lab	56.9780, 24.9269, 12.4373

Details

The YIQ color **156.6210, 47.0840, 16.7480** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **188.3790, -47.0840, -16.7480**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.2180, 40.8490, 14.1050**, and **104.0550, 42.8660, 16.0980** is the 20% darker color. If you saturate the color by 10%, you get **141.9000, 59.6000, 21.2000**, and if you desaturate by 10%, it is **171.3420, 34.5680, 12.2960**.

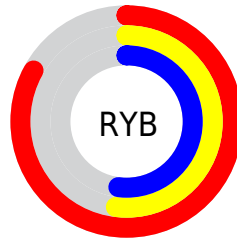
Distribution



Red (83%)

Green (52%)

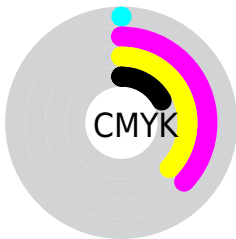
Blue (52%)



Red (83%)

Yellow (52%)

Blue (52%)

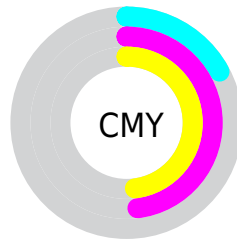


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (17%)



Cyan (17%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.6210, 47.0840, 16.7480 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 156.6210, 47.0840, 16.7480 by changing the saturation by 10% instead.


 156.6210, 47.0840,
16.7480


 156.6210, 47.0840,
16.7480


255.0000, -0.0000,
-0.0000


 129.8380, 44.9750,
16.4230


 207.2180, 40.8490,
14.1050


 104.0550, 42.8660,
16.0980


 226.8460, 24.1610,
8.1690

 78.9730, 40.1610,
15.5610

 247.0610, 7.1980,
1.7100

 54.3040, 37.7310,
15.5470

 28.9880, 35.8050,
17.4130

 14.9500, 29.8000,
10.6000

 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 156.6210, 47.0840,
16.7480

■ 156.6210, 47.0840,
16.7480

■ 141.9000, 59.6000,
21.2000

■ 171.3420, 34.5680,
12.2960

■ 127.1790, 72.1160,
25.6520

■ 186.0630, 22.0520,
7.8440

■ 111.7570, 85.2280,
30.3160

■ 201.4850, 8.9400,
3.1800

■ 97.0360, 97.7440,
34.7680

■ 216.2060, -3.5760,
-1.2720

■ 82.3150, 110.2600,
39.2200

■ 230.9270,
-16.0920, -5.7240

■ 67.5940, 122.7760,
43.6720

■ 242.1430,
-25.6280, -9.1160

■ 63.3880, 126.3520,
44.9440

Harmonies

Analogous

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



157.9590, 34.7490, 25.5410



156.6210, 47.0840, 16.7480



155.0040, 46.9030, 3.5030

Triad

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



156.6210, 47.0840, 16.7480



145.8770, -13.7960, -25.3160



147.7000, -51.5810, 4.1870

Complementary

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



156.6210, 47.0840, 16.7480



188.3790, -47.0840, -16.7480

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.



136.9860, -76.4740, -12.7460



156.6210, 47.0840, 16.7480



140.3540, -45.9360, -26.5440

Square

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



156.6210, 47.0840, 16.7480



149.7680, 14.4920, -20.3560



133.9070, -75.2340, -24.2100



155.4270, -19.5350, 18.1370

Rectangle

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



156.6210, 47.0840, 16.7480



154.0860, 40.4400, -6.0240



133.9070, -75.2340, -24.2100



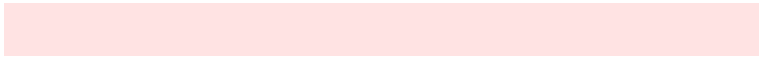
144.4490, -61.3000, -1.3960

Sweetspot

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



156.6210, 47.0840, 16.7480



235.3720, 16.6880, 5.9360



165.3280, 21.1290, 41.1050



116.0830, 10.1320, 3.6040



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.



156.6210, 47.0840, 16.7480



174.3850, 68.5400, 24.3800



178.9270, 36.6340, -3.1260



99.2890, 6.5560, 2.3320



51.1290, 101.9160, 36.2520



12.8570, 25.6280, 9.1160

Inverse Universe

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



156.6210, 47.0840, 16.7480



174.3850, 68.5400, 24.3800



166.0730, -36.6340, 3.1260



99.2890, 6.5560, 2.3320



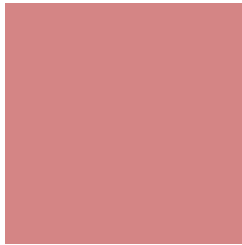
51.1290, 101.9160, 36.2520



12.8570, 25.6280, 9.1160

Previews

White Background



This preview shows how the YIQ color 156.6210, 47.0840, 16.7480 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 156.6210, 47.0840, 16.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

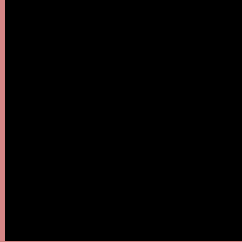
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.6210, 47.0840, 16.7480

Background



This preview shows how black text looks on a background with the YIQ color 156.6210, 47.0840, 16.7480.



This preview shows how white text looks on a background with the YIQ color 156.6210, 47.0840,

16.7480.

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

156.6210, 47.0840, 16.7480

Protanopia

154.6540, 6.7860, -1.8380

Deuteranopia

155.5050, 23.3830, 0.2390



Tritanopia

157.2450, 45.3870, 19.9710

Trichromacy



Original Color

156.6210, 47.0840, 16.7480

Protanomaly

155.1830, 21.5940, 5.1300

Deuteranomaly

155.6850, 31.8640, 6.2320

Tritanomaly

156.9030, 46.3500, 19.0380

Monochromacy



Original Color

156.6210, 47.0840, 16.7480

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.6710, 17.2840, 6.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.6210, 47.0840, 16.7480 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(212, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(212, 133, 133)  
}
```

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(212, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 133, 133) }
```

Border

The CSS property to change the border of an element to YIQ 156.6210, 47.0840, 16.7480 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(212, 133, 133) }
```


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

```
.border{ border-color:rgb(212, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(212, 133,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 156.6210, 47.0840, 16.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 133, 133) }
```

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

```
.background{ background-color: rgb(212,  
133, 133) }
```

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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