

Converting Colors

YIQ(164.4510, 33.7840, 37.5280)

Have a look what the booklet for
YIQ(164.4510, 33.7840, 37.5280)
contains.

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Color

**YIQ(164.4510, 33.7840,
37.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	DC83BF
RGB	220, 131, 191
RGB Percent	86%, 51%, 75%
CMY	0.1370, 0.4864, 0.2509
CMYK	0.00, 0.40, 0.13, 0.14
HSL	320°, 56%, 69%
HSV	320°, 40%, 86%
XYZ	47.0522, 35.2107, 53.6195
YIQ	164.4510, 33.7840, 37.5280

Conversions

Conversions Part 2

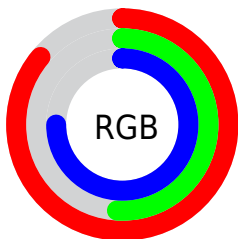
Format	Color
R _Y B	220, 131, 191
Decimal	14451647
CIE Lab	65.91, 42.46, -16.71
CIE LCh	66, 45.632, 338.521
Yxy	35.2107, 0.3463, 0.2591
Android (android.graphics.Color)	4292641727 (0xFFDC83BF)
YUV	164.4510, 13.0887, 48.7165
Hunter-Lab	59.3386, 37.6978, -12.0386

Details

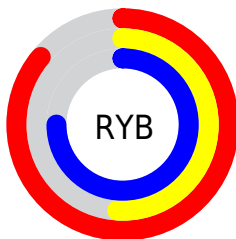
The YIQ color **164.4510, 33.7840, 37.5280** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **186.5490, -33.7840, -37.5280**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **213.5850, 21.5430, 33.5990**, and **110.7280, 31.4460, 35.8460** is the 20% darker color. If you saturate the color by 10%, you get **150.7390, 42.0810, 46.8570**, and if you desaturate by 10%, it is **178.1630, 25.4870, 28.1990**.

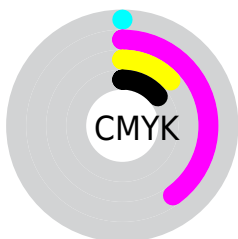
Distribution



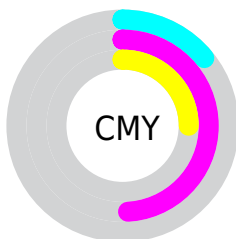
- Red (86%)
- Green (51%)
- Blue (75%)



- Red (86%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (14%)





- Cyan (14%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.4510, 33.7840, 37.5280 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 164.4510, 33.7840, 37.5280 by changing the saturation by 10% instead.


 164.4510, 33.7840,
37.5280


 164.4510, 33.7840,
37.5280


255.0000, -0.0000,
-0.0000


 137.4400, 32.3170,
36.5810


 213.5850, 21.5430,
33.5990


 110.8420, 31.1250,
36.1570


 230.9330, 11.2750,
21.4430

 84.5430, 30.5290,
35.9450

 247.9560, 3.3000,
6.2760

 57.7710, 29.8870,
36.5670

 32.1130, 28.9240,
37.5000

 22.1300, 21.0860,
25.3580

 12.5600, 13.5230,

13.7390

■ 0.0000, 0.0000,
0.0000

■ 164.4510, 33.7840,
37.5280

■ 164.4510, 33.7840,
37.5280

■ 150.7390, 42.0810,
46.8570

■ 178.1630, 25.4870,
28.1990

■ 137.0270, 50.3780,
56.1860

■ 191.8750, 17.1900,
18.8700

■ 123.3150, 58.6750,
65.5150

■ 205.7010, 8.5720,
9.8520

■ 109.4890, 67.2930,
74.5330

■ 219.4130, 0.2750,
0.5230

■ 95.7770, 75.5900,
83.8620

■ 233.1250, -8.0220,
-8.8060

82.6520, 83.6120,
92.6680

242.1410,
-14.1190, -13.9510

242.9390,
-16.3660, -11.7740

243.7370,
-18.6130, -9.5970

244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



164.1720, -5.0950, 31.7770



164.4510, 33.7840, 37.5280



161.9250, 58.4520, 30.9960

Triad

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



164.4510, 33.7840, 37.5280



155.8980, 34.4370, -23.8910



129.0130, -116.6350, -28.3070

Complementary

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



164.4510, 33.7840, 37.5280



186.5490, -33.7840, -37.5280

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.



125.7410, -104.6660, -41.4820



164.4510, 33.7840, 37.5280



150.5500, 0.0060, -33.1620

Square

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



164.4510, 33.7840, 37.5280



158.3560, 57.1750, -6.4490



141.6060, -47.1260, -38.0220



127.8680, -123.0560, -16.5600

Rectangle

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



164.4510, 33.7840, 37.5280



160.8960, 65.4230, 20.2950



141.6060, -47.1260, -38.0220



128.2320, -113.0580, -32.5620

Sweetspot

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



164.4510, 33.7840, 37.5280



235.6630, 11.7350, 13.1030



149.5180, -11.8810, 33.6150



116.7500, 6.8760, 7.5480



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.



164.4510, 33.7840, 37.5280



176.9510, 47.5360, 52.6240



159.4350, 47.9080, 23.8440



103.0870, 4.3090, 4.5090



65.0650, 65.5510, 73.0630



17.2880, 17.4650, 19.3930

Inverse Universe

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



164.4510, 33.7840, 37.5280



176.9510, 47.5360, 52.6240



191.5650, -47.9080, -23.8440



103.0870, 4.3090, 4.5090



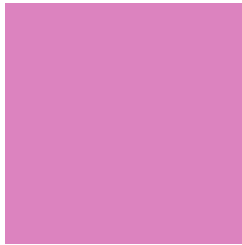
65.0650, 65.5510, 73.0630



17.2880, 17.4650, 19.3930

Previews

White Background



This preview shows how the YIQ color 164.4510, 33.7840, 37.5280 looks on a white background.

Color Contrast Check

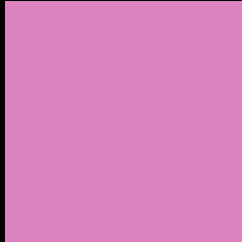
Large Text (above 18pt) WCAG AA × Fail

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 164.4510, 33.7840, 37.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

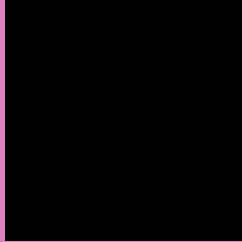
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.4510, 33.7840, 37.5280

Background



This preview shows how black text looks on a background with the YIQ color 164.4510, 33.7840, 37.5280.



This preview shows how white text looks on a background with the YIQ color 164.4510, 33.7840,

37.5280.

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

164.4510, 33.7840, 37.5280

Protanopia

161.2260, -23.5230, 13.3170

Deuteranopia

162.3990, -5.1370, 10.5030



Tritanopia

162.9780, 41.7650, 19.5330

Trichromacy



Original Color

164.4510, 33.7840, 37.5280



Protanomaly

162.6310, -2.4340, 22.0940



Deuteranomaly

163.3240, 8.6160, 20.0720



Tritanomaly

163.5250, 38.9670, 26.1910

Monochromacy



Original Color

164.4510, 33.7840, 37.5280



Achromatopsia

164.0000, 0.0000, -0.0000



Achromatomaly

164.0760, 12.0100, 13.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.4510, 33.7840, 37.5280 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, 131, 191)` looks like.

```
.text, #text, p{  
    color:rgb(220, 131, 191)  
}
```

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, 131, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 131, 191) }
```

Border

The CSS property to change the border of an element to YIQ 164.4510, 33.7840, 37.5280 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, 131, 191) }
```


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

```
.border{ border-color:rgb(220, 131, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 131, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 131, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 131, 191);  
box-shadow:4px 4px 4px 4px rgb(220, 131,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 164.4510, 33.7840, 37.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 131, 191) }
```

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

```
.background{ background-color: rgb(220,  
131, 191) }
```

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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