

Converting Colors

YIQ(164.8790, 37.7300, 21.0740)

Have a look what the booklet for
YIQ(164.8790, 37.7300, 21.0740)
contains.

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Color

**YIQ(164.8790, 37.7300,
21.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	D68D9F
RGB	214, 141, 159
RGB Percent	84%, 55%, 62%
CMY	0.1606, 0.4472, 0.3763
CMYK	0.00, 0.34, 0.26, 0.16
HSL	345°, 47%, 70%
HSV	345°, 34%, 84%
XYZ	43.5267, 35.8484, 37.4420
YIQ	164.8790, 37.7300, 21.0740

Conversions

Conversions Part 2

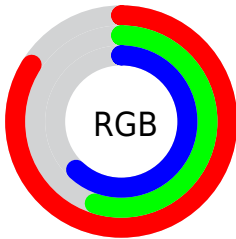
Format	Color
RYB	214, 141, 159
Decimal	14060959
CIELab	66.40, 30.21, 1.96
CIElCh	66, 30.272, 3.707
Yxy	35.8484, 0.3726, 0.3069
Android (android.graphics.Color)	4292251039 (0xFFD68D9F)
YUV	164.8790, -2.8983, 43.0791
Hunter-Lab	59.8735, 24.9869, 4.8344

Details

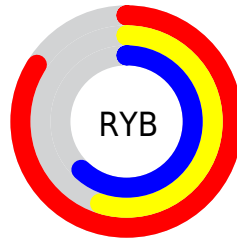
The YIQ color **164.8790, 37.7300, 21.0740** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.1210, -37.7300, -21.0740**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.1060, 29.6610, 18.6290**, and **112.3840, 34.7500, 20.0140** is the 20% darker color. If you saturate the color by 10%, you get **150.7280, 48.6410, 27.0810**, and if you desaturate by 10%, it is **179.0300, 26.8190, 15.0670**.

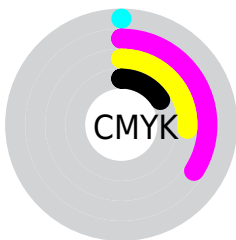
Distribution



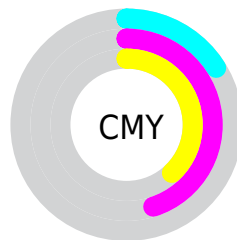
- Red (84%)
- Green (55%)
- Blue (62%)



- Red (84%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.8790, 37.7300, 21.0740 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 164.8790, 37.7300, 21.0740 by changing the saturation by 10% instead.

164.8790, 37.7300,
21.0740

164.8790, 37.7300,
21.0740

255.0000, -0.0000,
-0.0000

138.2810, 36.5380,
20.6500

215.1060, 29.6610,
18.6290

112.3840, 34.7500,
20.0140

235.3210, 12.6980,
12.1700

86.9000, 33.2370,
19.9010

253.2390, 0.8250,
1.5690

62.1170, 31.1280,
19.5760

37.7470, 29.2940,
19.7740

17.8990, 25.8100,
16.8340

8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 164.8790, 37.7300,
21.0740

■ 164.8790, 37.7300,
21.0740

■ 150.7280, 48.6410,
27.0810

■ 179.0300, 26.8190,
15.0670

■ 135.9900, 59.8270,
33.6110

■ 193.7680, 15.6330,
8.5370

■ 121.8390, 70.7380,
39.6180

■ 207.9190, 4.7220,
2.5300

■ 107.1010, 81.9240,
46.1480

■ 222.6570, -6.4640,
-4.0000

■ 92.8360, 93.1560,
51.8440

■ 236.9220,
-17.6960, -9.6960

■ 78.6850, 104.0670,
57.8510

■ 242.7410,
-24.4360, -8.6920

■ 70.0280, 110.5310,
61.8510

Harmonies

Analogous

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



165.8200, 19.0230, 24.1990



164.8790, 37.7300, 21.0740



163.6760, 45.2510, 11.4190

Triad

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



164.8790, 37.7300, 21.0740



156.6790, 4.4970, -20.9350



151.4120, -59.8780, -5.1420

Complementary

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



164.8790, 37.7300, 21.0740



190.1210, -37.7300, -21.0740

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.



145.7280, -67.1200, -17.0720



164.8790, 37.7300, 21.0740



152.4400, -22.6910, -23.8030

Square

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



164.8790, 37.7300, 21.0740



159.6280, 26.8700, -13.4020



147.4230, -50.3840, -23.0240



159.0610, -36.3600, 9.1760

Rectangle

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



164.8790, 37.7300, 21.0740



162.6230, 43.6020, 2.7540



147.4230, -50.3840, -23.0240



148.7270, -65.3790, -10.0750

Sweetspot

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



164.8790, 37.7300, 21.0740



238.1590, 12.9740, 7.1660



165.7670, 9.3470, 34.3630



117.2400, 8.2520, 4.6360



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.



164.8790, 37.7300, 21.0740



184.3590, 54.2340, 30.3460



173.3930, 38.5580, 6.0620



99.6310, 5.5930, 3.2650



55.9170, 88.4340, 49.3140



14.1110, 22.0970, 12.5370

Inverse Universe

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



164.8790, 37.7300, 21.0740



184.3590, 54.2340, 30.3460



181.6070, -38.5580, -6.0620



99.6310, 5.5930, 3.2650



55.9170, 88.4340, 49.3140



14.1110, 22.0970, 12.5370

Previews

White Background



This preview shows how the YIQ color 164.8790, 37.7300, 21.0740 looks on a white background.

Color Contrast Check

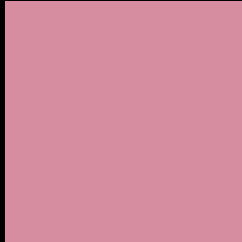
Large Text (above 18pt) WCAG AA × Fail

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 164.8790, 37.7300, 21.0740 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 164.8790, 37.7300, 21.0740

Background



This preview shows how black text looks on a background with the YIQ color 164.8790, 37.7300, 21.0740.



This preview shows how white text looks on a background with the YIQ color 164.8790, 37.7300,

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

164.8790, 37.7300, 21.0740

Protanopia

162.4390, -2.6140, 3.3220

Deuteranopia

163.1760, 14.3040, 5.0880



Tritanopia

164.4830, 38.7850, 18.4730

Trichromacy



Original Color

164.8790, 37.7300, 21.0740

Protanomaly

163.5550, 11.9190, 9.7670

Deuteranomaly

163.9430, 22.5100, 10.5580

Tritanomaly

164.7110, 38.1430, 19.0950

Monochromacy



Original Color

164.8790, 37.7300, 21.0740

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.8710, 13.8450, 7.9010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.8790, 37.7300, 21.0740 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(214, 141, 159)` looks like.

```
.text, #text, p{  
    color:rgb(214, 141, 159)  
}
```

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(214, 141, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 141, 159) }
```

Border

The CSS property to change the border of an element to YIQ 164.8790, 37.7300, 21.0740 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(214, 141, 159) }
```


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

```
.border{ border-color:rgb(214, 141, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 141, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 141, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 141, 159);  
box-shadow:4px 4px 4px 4px rgb(214, 141,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 164.8790, 37.7300, 21.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 141, 159) }
```

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

```
.background{ background-color: rgb(214,  
141, 159) }
```

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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