

Converting Colors

YIQ(154.7400, 48.3670, 21.0310)

Have a look what the booklet for
YIQ(154.7400, 48.3670, 21.0310)
contains.

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Color

**YIQ(154.7400, 48.3670,
21.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	D68089
RGB	214, 128, 137
RGB Percent	84%, 50%, 54%
CMY	0.1606, 0.4982, 0.4626
CMYK	0.00, 0.40, 0.36, 0.16
HSL	354°, 51%, 67%
HSV	354°, 40%, 84%
XYZ	39.9804, 31.5406, 27.6654
YIQ	154.7400, 48.3670, 21.0310

Conversions

Conversions Part 2

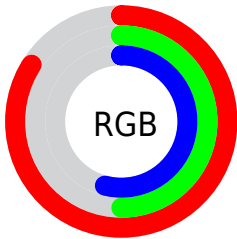
Format	Color
RYB	214, 128, 137
Decimal	14057609
CIELab	62.96, 34.28, 9.47
CIELCh	63, 35.565, 15.436
Yxy	31.5406, 0.4031, 0.3180
Android (android.graphics.Color)	4292247689 (0xFFD68089)
YUV	154.7400, -8.7458, 51.9710
Hunter-Lab	56.1610, 28.7903, 10.1060

Details

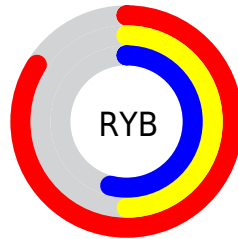
The YIQ color **154.7400, 48.3670, 21.0310** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **187.2600, -48.3670, -21.0310**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7390, 40.9400, 17.9640**, and **102.0600, 44.4700, 20.0700** is the 20% darker color. If you saturate the color by 10%, you get **140.2470, 60.2410, 26.1050**, and if you desaturate by 10%, it is **169.2330, 36.4930, 15.9570**.

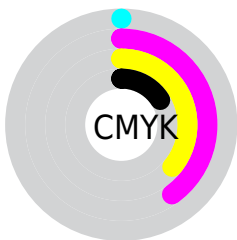
Distribution



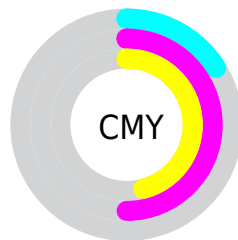
- Red (84%)
- Green (50%)
- Blue (54%)



- Red (84%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (16%)



- Cyan (16%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.7400, 48.3670, 21.0310 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 154.7400, 48.3670, 21.0310 by changing the saturation by 10% instead.

 154.7400, 48.3670,
21.0310


 154.7400, 48.3670,
21.0310


255.0000, -0.0000,
-0.0000


 127.9570, 46.2580,
20.7060


 204.7390, 40.9400,
17.9640


 102.0600, 44.4700,
20.0700


 224.3670, 24.2520,
12.0280

 76.3910, 42.0400,
20.0560

 244.6960, 6.9680,
5.8800

 51.1350, 39.8850,
20.5650

 24.9330, 37.6380,
22.7420

 15.2490, 30.3960,
10.8120

 2.9900, 5.9600,

2.1200

■ 0.0000, 0.0000,
0.0000

■ 154.7400, 48.3670,
21.0310

■ 154.7400, 48.3670,
21.0310

■ 140.2470, 60.2410,
26.1050

■ 169.2330, 36.4930,
15.9570

■ 125.1670, 72.3900,
31.7020

■ 184.3130, 24.3440,
10.3600

■ 110.6740, 84.2640,
36.7760

■ 198.8060, 12.4700,
5.2860

■ 95.4800, 96.7340,
42.0620

■ 214.0000, -0.0000,
0.0000

■ 80.9870, 108.6080,
47.1360

■ 228.4930,
-11.8740, -5.0740

■ 66.6080, 120.1610,
52.5210

■ 242.3990,
-23.4730, -9.6250

■ 242.7410,
-24.4360, -8.6920

Harmonies

Analogous

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



155.9850, 31.8600, 28.3400



154.7400, 48.3670, 21.0310



152.9770, 51.5330, 7.7010

Triad

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



154.7400, 48.3670, 21.0310



144.6450, -7.3310, -26.8430



141.5240, -65.8850, -0.9010

Complementary

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



154.7400, 48.3670, 21.0310



187.2600, -48.3670, -21.0310

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.



122.7650, -104.0730, -24.6890



154.7400, 48.3670, 21.0310



137.9260, -41.8550, -28.9190

Square

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



154.7400, 48.3670, 21.0310



148.7750, 21.7820, -20.3140



127.0260, -83.1190, -29.9910



152.0990, -30.3550, 15.9890

Rectangle

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



154.7400, 48.3670, 21.0310



151.9020, 46.9500, -2.8580



127.0260, -83.1190, -29.9910



136.5500, -77.9420, -8.1660

Sweetspot

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



154.7400, 48.3670, 21.0310



233.7250, 17.1920, 7.8160



160.5280, 17.6900, 42.8580



115.6100, 10.0860, 4.4380



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.



154.7400, 48.3670, 21.0310



170.9600, 68.5390, 29.9070



173.0850, 42.1810, 0.9730



99.5170, 5.9140, 2.9540



53.1810, 96.1380, 41.8500



13.4270, 24.0230, 10.6710

Inverse Universe

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



154.7400, 48.3670, 21.0310



170.9600, 68.5390, 29.9070



168.9150, -42.1810, -0.9730



99.5170, 5.9140, 2.9540



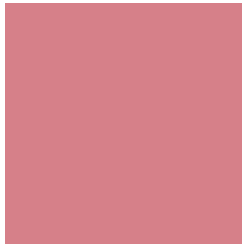
53.1810, 96.1380, 41.8500



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 154.7400, 48.3670, 21.0310 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 154.7400, 48.3670, 21.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

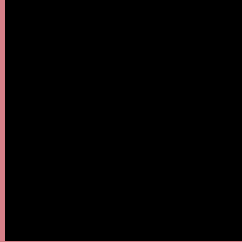
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.7400, 48.3670, 21.0310

Background



This preview shows how black text looks on a background with the YIQ color 154.7400, 48.3670, 21.0310.



This preview shows how white text looks on a background with the YIQ color 154.7400, 48.3670,

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

154.7400, 48.3670, 21.0310

Protanopia

152.9680, 3.0260, 0.2260

Deuteranopia

153.5910, 20.2650, 1.6810



Tritanopia

154.7400, 48.3670, 21.0310

Trichromacy



Original Color

154.7400, 48.3670, 21.0310

Protanomaly

153.3940, 19.6220, 7.8300

Deuteranomaly

154.0810, 30.8090, 8.8330

Tritanomaly

154.7400, 48.3670, 21.0310

Monochromacy



Original Color

154.7400, 48.3670, 21.0310

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.6110, 17.5130, 7.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.7400, 48.3670, 21.0310 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, 128, 137)` looks like.

```
.text, #text, p{  
    color:rgb(214, 128, 137)  
}
```

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, 128, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 128, 137) }
```

Border

The CSS property to change the border of an element to YIQ 154.7400, 48.3670, 21.0310 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, 128, 137) }
```


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

```
.border{ border-color:rgb(214, 128, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 128, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 128, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 128, 137);  
box-shadow:4px 4px 4px 4px rgb(214, 128,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 154.7400, 48.3670, 21.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 128, 137) }
```

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

```
.background{ background-color: rgb(214,  
128, 137) }
```

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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