

Converting Colors

YIQ(125.3370, -10.5940,
15.7900)

Have a look what the booklet for
YIQ(125.3370, -10.5940, 15.7900)
contains.

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Color

**YIQ(125.3370, -10.5940,
15.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	7D76A4
RGB	125, 118, 164
RGB Percent	49%, 46%, 64%
CMY	0.5098, 0.5373, 0.3569
CMYK	0.24, 0.28, 0.00, 0.36
HSL	249°, 20%, 55%
HSV	249°, 28%, 64%
XYZ	21.6363, 19.9967, 37.8320
YIQ	125.3370, -10.5940, 15.7900

Conversions

Conversions Part 2

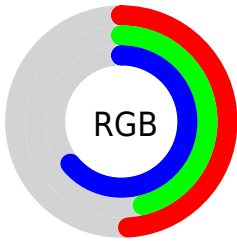
Format	Color
RYB	125, 118, 164
Decimal	8222372
CIELab	51.83, 12.91, -23.65
CIELCh	52, 26.943, 298.627
Yxy	19.9967, 0.2723, 0.2516
Android (android.graphics.Color)	4286412452 (0xFF7D76A4)
YUV	125.3370, 19.0609, -0.2955
Hunter-Lab	44.7176, 8.1100, -18.8581

Details

The YIQ color $125.3370, -10.5940, 15.7900$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $156.6630, 10.5940, -15.7900$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.9780, -10.9610, 16.9350$, and $76.2830, -10.5020, 14.1220$ is the 20% darker color. If you saturate the color by 10%, you get $111.7590, -14.5380, 21.1900$, and if you desaturate by 10%, it is $138.9150, -6.6500, 10.3900$.

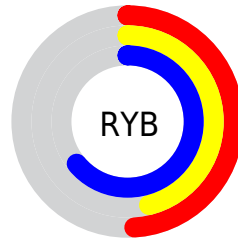
Distribution



Red (49%)

Green (46%)

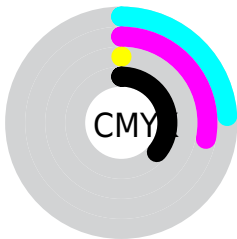
Blue (64%)



Red (49%)

Yellow (46%)

Blue (64%)

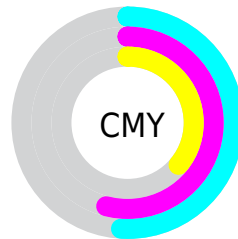


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.3370, -10.5940, 15.7900 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 125.3370, -10.5940, 15.7900 by changing the saturation by 10% instead.

■ 125.3370,
-10.5940, 15.7900

■ 125.3370,
-10.5940, 15.7900

■ 255.0000, -0.0000,
-0.0000

■ 100.2230,
-10.2730, 15.4790

■ 177.9780,
-10.9610, 16.9350

■ 76.2830, -10.5020,
14.1220

■ 205.5050,
-11.0070, 17.7690

■ 52.7560, -10.4560,
13.2880

■ 231.1110, -4.2660,
11.2380

■ 31.5170, -11.2810,
11.7190

■ 254.4130, 0.2750,
0.5230

■ 7.1800, -8.7140,
14.7580

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,

0.0000

■ 125.3370,
-10.5940, 15.7900

■ 125.3370,
-10.5940, 15.7900

■ 111.7590,
-14.5380, 21.1900

■ 138.9150, -6.6500,
10.3900

■ 97.5940, -18.2070,
27.1130

■ 153.0800, -2.9810,
4.4670

■ 84.0160, -22.1510,
32.5130

■ 166.6580, 0.9630,
-0.9330

■ 69.8510, -25.8200,
38.4360

■ 180.8230, 4.6320,
-6.8560

■ 56.5720, -29.1680,
44.0480

■ 194.1020, 7.9800,
-12.4680

■ 42.9940, -33.1120,
49.4480

■ 207.6800, 11.9240,
-17.8680

■ 28.8290, -36.7810,
55.3710

■ 221.8450, 15.5930,
-23.7910

■ 26.1710, -37.7440,
56.3040

■ 235.4230, 19.5370,
-29.1910

■ 243.1310, 26.2310,
-29.3610

Harmonies

Analogous

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



120.1380, -35.2590, 5.7410



125.3370, -10.5940, 15.7900



126.8900, 12.8340, 20.7220

Triad

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



125.3370, -10.5940, 15.7900



124.1490, 36.1290, 0.5210



111.9790, -40.2060, -20.2540

Complementary

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



125.3370, -10.5940, 15.7900



156.6630, 10.5940, -15.7900

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.



116.5550, -15.5850, -20.4250



125.3370, -10.5940, 15.7900



122.2520, 25.1730, -10.1790

Square

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



125.3370, -10.5940, 15.7900



125.3700, 37.3650, 11.1650



119.7550, 7.3390, -17.3730



108.6210, -59.5090, -17.3410

Rectangle

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



125.3370, -10.5940, 15.7900



126.7080, 25.0300, 19.9580



119.7550, 7.3390, -17.3730



113.7580, -32.2740, -20.8340

Sweetspot

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



125.3370, -10.5940, 15.7900



199.8350, -3.6690, 5.9230



146.1370, -25.4910, -6.0910



97.8520, -2.3390, 3.8450



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125.3370, -10.5940, 15.7900



152.6110, -16.8770, 25.0350



132.2140, 3.1140, 20.6660



74.6240, -1.6970, 3.2230



23.1080, -33.4330, 49.7590



2.9490, -3.9900, 6.2340

Inverse Universe

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



136.2000, 14.8970, 21.8810



169.8950, 23.6060, 34.7580



149.7860, -3.1140, -20.6660



76.4890, 3.1170, 4.0850



57.3770, 46.9370, 68.9930



7.0920, 5.9130, 8.4810

Previews

White Background



This preview shows how the YIQ color 125.3370, -10.5940, 15.7900 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 125.3370, -10.5940, 15.7900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

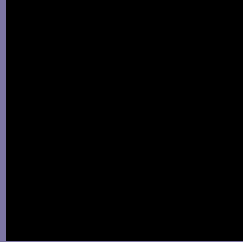
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.3370, -10.5940, 15.7900

Background



This preview shows how black text looks on a background with the YIQ color 125.3370, -10.5940, 15.7900.



This preview shows how white text looks on a background with the YIQ color 125.3370, -10.5940, 15.7900.

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

125.3370, -10.5940, 15.7900

Protanopia

123.8410, -21.0010, 11.6630

Deuteranopia

124.2820, -17.9290, 11.0550



Tritanopia

123.6450, -6.1900, 2.0500

Trichromacy



Original Color

125.3370, -10.5940, 15.7900

Protanomaly

124.6350, -17.4250, 12.9350

Deuteranomaly

124.8910, -15.2700, 12.4260

Tritanomaly

124.3230, -7.9790, 6.9410

Monochromacy



Original Color

125.3370, -10.5940, 15.7900

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8350, -3.6690, 5.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.3370, -10.5940, 15.7900 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(125, 118, 164)` looks like.

```
.text, #text, p{  
    color:rgb(125, 118, 164)  
}
```

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(125, 118, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 118, 164) }
```

Border

The CSS property to change the border of an element to YIQ 125.3370, -10.5940, 15.7900 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(125, 118, 164) }
```


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

```
.border{ border-color:rgb(125, 118, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 118, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 118, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 118, 164);  
box-shadow:4px 4px 4px 4px rgb(125, 118,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 125.3370, -10.5940, 15.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 118, 164) }
```

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

```
.background{ background-color: rgb(125,  
118, 164) }
```

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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