

# Converting Colors

YIQ(157.2500, 73.3540, 25.2420)

Have a look what the booklet for  
YIQ(157.2500, 73.3540, 25.2420)  
contains.

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# Color

**YIQ(157.2500, 73.3540,  
25.2420)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F37977
RGB	243, 121, 119
RGB Percent	95%, 47%, 47%
CMY	0.0468, 0.5257, 0.5330
CMYK	0.00, 0.50, 0.51, 0.05
HSL	1°, 84%, 71%
HSV	1°, 51%, 95%
XYZ	47.1530, 34.0638, 21.5660
YIQ	157.2500, 73.3540, 25.2420

# Conversions

## Conversions Part 2

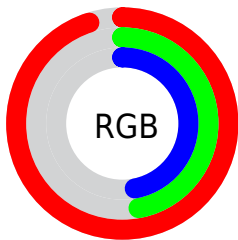
Format	Color
<b>R<sub>YB</sub></b>	243, 121, 119
Decimal	15956343
CIE <sub>Lab</sub>	65.01, 46.62, 23.10
CIE <sub>LCh</sub>	65, 52.029, 26.353
Yxy	34.0638, 0.4588, 0.3314
Android (android.graphics.Color)	4294146423 (0xFFFF37977)
YUV	157.2500, -18.8573, 75.2027
Hunter-Lab	58.3642, 42.0745, 18.9468

# Details

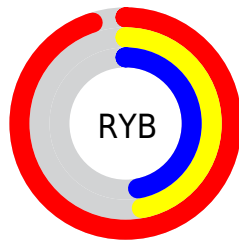
The YIQ color **157.2500, 73.3540, 25.2420** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **204.7500, -73.3540, -25.2420**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.0510, 48.6890, 15.1930**, and **102.4280, 66.9810, 25.1010** is the 20% darker color. If you saturate the color by 10%, you get **140.4260, 87.6580, 30.3300**, and if you desaturate by 10%, it is **174.0740, 59.0500, 20.1540**.

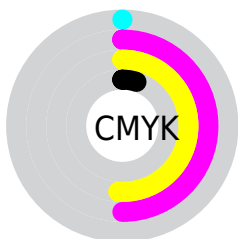
# Distribution



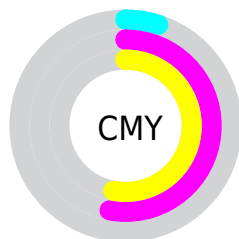
- Red (95%)
- Green (47%)
- Blue (47%)



- Red (95%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (51%)
- Black (5%)




- Cyan (5%)
- Magenta (53%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 157.2500, 73.3540, 25.2420 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 157.2500, 73.3540, 25.2420 by changing the saturation by 10% instead.





 157.2500, 73.3540,  
25.2420


 157.2500, 73.3540,  
25.2420


255.0000, -0.0000,  
-0.0000


 129.5810, 70.9240,  
25.2280


 199.0510, 48.6890,  
15.1930


 102.4280, 66.9810,  
25.1010


 218.6790, 32.0010,  
9.2570

 74.6990, 64.7800,  
26.4440

 238.8940, 15.0380,  
2.7980

 42.7900, 63.2660,  
31.8580

 28.6330, 55.9780,  
20.7620

 19.7340, 39.3360,  
13.9920

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,  
0.0000

■ 157.2500, 73.3540,  
25.2420

■ 157.2500, 73.3540,  
25.2420

■ 140.4260, 87.6580,  
30.3300

■ 174.0740, 59.0500,  
20.1540

■ 123.4880,  
102.2830, 35.1070

■ 191.0120, 44.4250,  
15.3770

■ 106.6640,  
116.5870, 40.1950

■ 207.8360, 30.1210,  
10.2890

■ 89.8400, 130.8910,  
45.2830

■ 224.6600, 15.8170,  
5.2010

■ 75.0050, 143.7280,  
49.4240

■ 241.5980, 1.1920,  
0.4240

251.4120, -7.1520,  
-2.5440

# Harmonies

## Analogous

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



159.8360, 57.6250, 40.4810



157.2500, 73.3540, 25.2420



156.0420, 70.1030, 1.5510

# Triad

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



157.2500, 73.3540, 25.2420



140.2840, -31.7200, -41.8960



136.4180, -103.5730, -0.7010

# Complementary

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



157.2500, 73.3540, 25.2420



204.7500, -73.3540, -25.2420

# 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.



129.4010, -123.2390, -18.7510



157.2500, 73.3540, 25.2420



123.3470, -97.9250, -48.0130

# Square

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



157.2500, 73.3540, 25.2420



148.7660, 16.8330, -35.2550



128.8190, -113.3330, -33.0850



159.4990, -28.0650, 29.5590



# Rectangle

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



157.2500, 73.3540, 25.2420



154.6840, 58.8270, -14.3650



128.8190, -113.3330, -33.0850



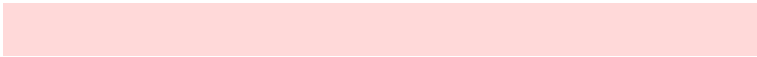
127.4750, -126.0830, -11.2590

# Sweetspot

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



157.2500, 73.3540, 25.2420



228.3620, 22.6480, 8.0560



170.2120, 34.1000, 64.8520



111.8770, 13.7080, 4.8760



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.



157.2500, 73.3540, 25.2420



147.4050, 92.1510, 31.5030



192.4700, 56.8540, -6.1380



113.5880, 7.1520, 2.5440



57.3750, 110.0310, 37.8630



18.2280, 34.8890, 11.9850



# Inverse Universe

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



204.7500, -73.3540, -25.2420



207.1820, -92.4260, -32.0260



169.5300, -56.8540, 6.1380



118.4120, -7.1520, -2.5440



128.6250, -110.0310, -37.8630



40.7720, -34.8890, -11.9850



# Previews

## White Background



This preview shows how the YIQ color 157.2500, 73.3540, 25.2420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

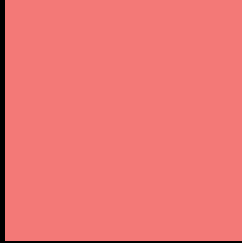
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 157.2500, 73.3540, 25.2420 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 157.2500, 73.3540, 25.2420

## Background



This preview shows how black text looks on a background with the YIQ color 157.2500, 73.3540, 25.2420.



This preview shows how white text looks on a background with the YIQ color 157.2500, 73.3540,



# 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

157.2500, 73.3540, 25.2420

### Protanopia

157.8840, 11.8300, -5.1460

### Deuteranopia

158.4320, 33.6540, -4.1860



## Tritanopia

157.9880, 71.3360, 28.7760

# Trichromacy



## Original Color

157.2500, 73.3540, 25.2420

## Protanomaly

157.9410, 34.0190, 5.7230

## Deuteranomaly

158.1830, 47.9570, 6.4290

## Tritanomaly

157.6460, 72.2990, 27.8430

# Monochromacy



## Original Color

157.2500, 73.3540, 25.2420

## Achromatopsia

157.0000, 0.0000, -0.0000

## Achromatomaly

157.0420, 26.5450, 9.0170

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 157.2500, 73.3540, 25.2420 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(243, 121, 119)` looks like.

```
.text, #text, p{  
    color:rgb(243, 121, 119)  
}
```

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(243, 121, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 121, 119) }
```

## Border

The CSS property to change the border of an element to YIQ 157.2500, 73.3540, 25.2420 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(243, 121, 119) }
```



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

```
.border{ border-color:rgb(243, 121, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 121, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 121, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 121, 119);  
box-shadow:4px 4px 4px 4px rgb(243, 121,  
119) }
```

# Background

The CSS property to change the background color of an element to YIQ 157.2500, 73.3540, 25.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 121, 119) }
```

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

```
.background{ background-color: rgb(243,  
121, 119) }
```

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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