

Converting Colors

YIQ(133.9870, 63.9090, 25.7090)

Have a look what the booklet for
YIQ(133.9870, 63.9090, 25.7090)
contains.

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Color

**YIQ(133.9870, 63.9090,
25.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	D3646B
RGB	211, 100, 107
RGB Percent	83%, 39%, 42%
CMY	0.1723, 0.6080, 0.5801
CMYK	0.00, 0.53, 0.49, 0.17
HSL	356°, 56%, 61%
HSV	356°, 53%, 83%
XYZ	34.0935, 24.0273, 16.7682
YIQ	133.9870, 63.9090, 25.7090

Conversions

Conversions Part 2

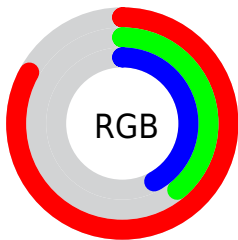
Format	Color
R_{YB}	211, 100, 107
Decimal	13853803
CIE _{Lab}	56.12, 44.42, 17.13
CIE _{LCh}	56, 47.610, 21.093
Yxy	24.0273, 0.4553, 0.3208
Android (android.graphics.Color)	4292043883 (0xFFD3646B)
YUV	133.9870, -13.3046, 67.5404
Hunter-Lab	49.0176, 38.3722, 14.0301

Details

The YIQ color **133.9870, 63.9090, 25.7090** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **177.0130, -63.9090, -25.7090**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.6550, 58.9120, 22.6560**, and **79.8770, 58.4070, 26.3030** is the 20% darker color. If you saturate the color by 10%, you get **119.3800, 76.1040, 30.4720**, and if you desaturate by 10%, it is **148.5940, 51.7140, 20.9460**.

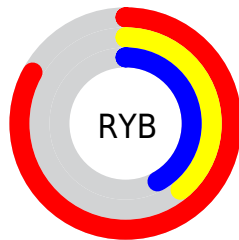
Distribution



Red (83%)

Green (39%)

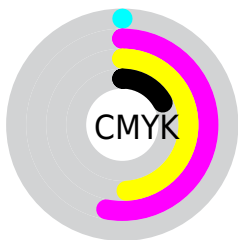
Blue (42%)



Red (83%)

Yellow (39%)

Blue (42%)

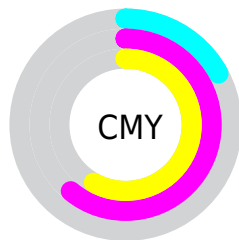


Cyan (0%)

Magenta (53%)

Yellow (49%)

Black (17%)



Cyan (17%)


Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.9870, 63.9090, 25.7090 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 133.9870, 63.9090, 25.7090 by changing the saturation by 10% instead.


 133.9870, 63.9090,
25.7090


 133.9870, 63.9090,
25.7090


255.0000, -0.0000,
-0.0000


 107.0190, 60.8830,
25.4830


 184.6550, 58.9120,
22.6560


 79.8770, 58.4070,
26.3030


 203.5820, 42.8200,
16.9320


 51.0880, 56.4350,
29.0030

 223.7970, 25.8570,
10.4730

 30.4570, 50.8420,
25.7380

 244.0120, 8.8940,
4.0140

 20.0330, 39.9320,
14.2040

 12.3730, 24.1150,
9.0030

 0.0000, 0.0000,

0.0000

■ 133.9870, 63.9090,
25.7090

■ 133.9870, 63.9090,
25.7090

■ 119.3800, 76.1040,
30.4720

■ 148.5940, 51.7140,
20.9460

■ 104.8870, 87.9780,
35.5460

■ 163.2010, 39.5190,
16.1830

■ 90.2800, 100.1730,
40.3090

■ 177.6940, 27.6450,
11.1090

■ 75.6730, 112.3680,
45.0720

■ 192.3010, 15.4500,
6.3460

■ 64.5710, 121.5830,
48.7750

■ 206.9080, 3.2550,
1.5830

■ 222.1020, -9.2150,
-3.7030

■ 236.5950,
-21.0890, -8.7770

■ 241.8440,
-26.2240, -9.3280

Harmonies

Analogous

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



136.0950, 46.5300, 37.8100



133.9870, 63.9090, 25.7090



132.7410, 63.8210, 5.2690

Triad

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



133.9870, 63.9090, 25.7090



121.0900, -19.2500, -36.6100



108.5650, -108.6610, -7.6130

Complementary

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



133.9870, 63.9090, 25.7090



177.0130, -63.9090, -25.7090

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.



111.2090, -105.0830, -17.3950



133.9870, 63.9090, 25.7090



104.0780, -80.8700, -43.2220

Square

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



133.9870, 63.9090, 25.7090



127.3800, 21.0960, -29.9120



109.5670, -94.9480, -30.3720



134.5750, -34.3910, 23.0570

Rectangle

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



133.9870, 63.9090, 25.7090



131.8780, 55.5250, -9.5870



109.5670, -94.9480, -30.3720



109.8700, -108.2020, -10.4260

Sweetspot

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



133.9870, 63.9090, 25.7090



226.6010, 23.4730, 9.6250



143.7500, 26.3530, 56.5690



110.7030, 14.2580, 5.9220



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.



133.9870, 63.9090, 25.7090



143.3930, 92.4250, 37.5530



161.3650, 52.9560, -1.5720



97.4030, 6.2350, 2.6430



51.4860, 96.5970, 39.0370



12.6010, 23.4730, 9.6250

Inverse Universe

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



133.9870, 63.9090, 25.7090



143.3930, 92.4250, 37.5530



149.6350, -52.9560, 1.5720



97.4030, 6.2350, 2.6430



51.4860, 96.5970, 39.0370



12.6010, 23.4730, 9.6250

Previews

White Background



This preview shows how the YIQ color 133.9870, 63.9090, 25.7090 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 133.9870, 63.9090, 25.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

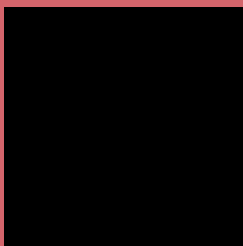
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.9870, 63.9090, 25.7090

Background



This preview shows how black text looks on a background with the YIQ color 133.9870, 63.9090, 25.7090.



This preview shows how white text looks on a background with the YIQ color 133.9870, 63.9090,

25.7090.

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

133.9870, 63.9090, 25.7090

Protanopia

135.2410, 6.5110, -2.3610

Deuteranopia

134.8920, 26.5470, -2.0370



Tritanopia

133.9870, 63.9090, 25.7090

Trichromacy



Original Color

133.9870, 63.9090, 25.7090

Protanomaly

134.7000, 27.5080, 8.0840

Deuteranomaly

134.3440, 40.2540, 8.3660

Tritanomaly

133.9870, 63.9090, 25.7090

Monochromacy



Original Color

133.9870, 63.9090, 25.7090

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.1880, 23.1980, 9.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9870, 63.9090, 25.7090 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(211, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(211, 100, 107)  
}
```

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(211, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 100, 107) }
```

Border

The CSS property to change the border of an element to YIQ 133.9870, 63.9090, 25.7090 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(211, 100, 107) }
```


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

```
.border{ border-color:rgb(211, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(211, 100,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9870, 63.9090, 25.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 100, 107) }
```

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

```
.background{ background-color: rgb(211,  
100, 107) }
```

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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