

Converting Colors

YIQ(125.7870, 50.1530, 32.7210)

Have a look what the booklet for
YIQ(125.7870, 50.1530, 32.7210)
contains.

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Color

**YIQ(125.7870, 50.1530,
32.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	C25B7E
RGB	194, 91, 126
RGB Percent	76%, 36%, 49%
CMY	0.2389, 0.6433, 0.5057
CMYK	0.00, 0.53, 0.35, 0.24
HSL	340°, 46%, 56%
HSV	340°, 53%, 76%
XYZ	29.7717, 20.4606, 22.1337
YIQ	125.7870, 50.1530, 32.7210

Conversions

Conversions Part 2

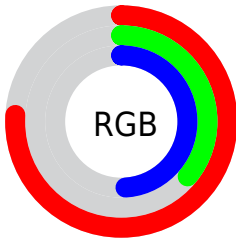
Format	Color
RYB	194, 91, 126
Decimal	12737406
CIELab	52.35, 44.94, 0.26
CIElCh	52, 44.938, 0.326
Yxy	20.4606, 0.4114, 0.2827
Android (android.graphics.Color)	4290927486 (0xFFC25B7E)
YUV	125.7870, 0.1050, 59.8228
Hunter-Lab	45.2334, 38.3266, 2.6516

Details

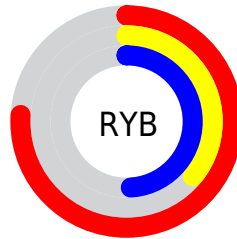
The YIQ color **125.7870, 50.1530, 32.7210** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **159.2130, -50.1530, -32.7210**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5810, 53.7290, 33.9930**, and **72.0470, 46.4850, 33.1170** is the 20% darker color. If you saturate the color by 10%, you get **113.1520, 59.5510, 38.6150**, and if you desaturate by 10%, it is **138.4220, 40.7550, 26.8270**.

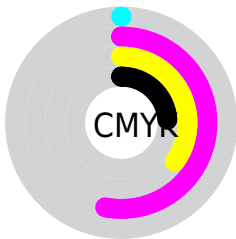
Distribution



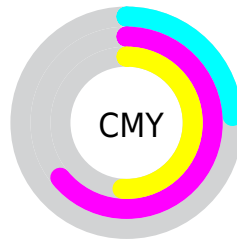
- Red (76%)
- Green (36%)
- Blue (49%)



- Red (76%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (35%)
- Black (24%)





- Cyan (24%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.7870, 50.1530, 32.7210 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 125.7870, 50.1530, 32.7210 by changing the saturation by 10% instead.


 125.7870, 50.1530,
32.7210


 125.7870, 50.1530,
32.7210


255.0000, -0.0000,
-0.0000


 99.0040, 48.0440,
32.3960


 180.5810, 53.7290,
33.9930

 72.0470, 46.4850,
33.1170


 200.6930, 38.5540,
28.1700


 40.6220, 46.4840,
38.6440

 220.3210, 21.8660,
22.2340

 28.2800, 38.2790,
27.6470

 239.7380, 7.1500,
13.5980

 18.4820, 31.3580,
15.4060

 7.5890, 14.5790,
5.6110

 0.0000, 0.0000,

0.0000

■ 125.7870, 50.1530,
32.7210

■ 125.7870, 50.1530,
32.7210

■ 113.1520, 59.5510,
38.6150

■ 138.4220, 40.7550,
26.8270

■ 99.9300, 69.2240,
45.0320

■ 151.6440, 31.0820,
20.4100

■ 87.4090, 78.3010,
51.2370

■ 164.1650, 22.0050,
14.2050

■ 74.1870, 87.9740,
57.6540

■ 177.3870, 12.3320,
7.7880

■ 65.5300, 94.4380,
61.6540

■ 190.0220, 2.9340,
1.8940

■ 202.6570, -6.4640,
-4.0000

■ 215.8790,
-16.1370, -10.4170

■ 228.4000,
-25.2140, -16.6220

■ 235.1650,
-31.8620, -17.2860

Harmonies

Analogous

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



128.2370, 22.6430, 35.6910



125.7870, 50.1530, 32.7210



123.8030, 61.2510, 18.8110

Triad

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



125.7870, 50.1530, 32.7210



116.9210, 9.2670, -30.2930



103.3670, -99.5360, -13.2960

Complementary

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



125.7870, 50.1530, 32.7210



159.2130, -50.1530, -32.7210

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.



102.5230, -91.6480, -24.0960



125.7870, 50.1530, 32.7210



108.9020, -33.2800, -35.6480

Square

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



125.7870, 50.1530, 32.7210



120.8710, 39.0670, -19.6930



98.6640, -79.4040, -36.7480



111.6080, -74.6890, 4.4710

Rectangle

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



125.7870, 50.1530, 32.7210



123.7020, 59.5570, 5.4530



98.6640, -79.4040, -36.7480



103.6290, -97.5180, -16.8300

Sweetspot

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



125.7870, 50.1530, 32.7210



225.5560, 19.3460, 12.8340



122.7750, 6.8690, 46.2370



111.5010, 12.0110, 8.0990



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.



125.7870, 50.1530, 32.7210



145.4090, 78.3010, 51.2370



130.6020, 57.2630, 13.9910



90.4460, 4.6760, 3.3640



54.4090, 78.3010, 51.2370



11.1210, 16.1370, 10.4170

Inverse Universe

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



125.7870, 50.1530, 32.7210



145.4090, 78.3010, 51.2370



154.3980, -57.2630, -13.9910



90.4460, 4.6760, 3.3640



54.4090, 78.3010, 51.2370



11.1210, 16.1370, 10.4170

Previews

White Background



This preview shows how the YIQ color 125.7870, 50.1530, 32.7210 looks on a white background.

Color Contrast Check

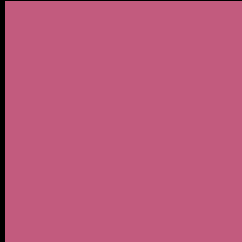
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.7870, 50.1530, 32.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

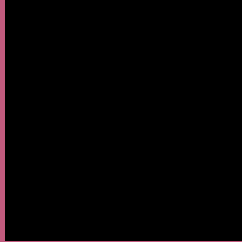
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.7870, 50.1530, 32.7210

Background



This preview shows how black text looks on a background with the YIQ color 125.7870, 50.1530, 32.7210.



This preview shows how white text looks on a background with the YIQ color 125.7870, 50.1530,

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

125.7870, 50.1530, 32.7210

Protanopia

125.6110, -8.8500, 6.2060

Deuteranopia

126.3820, 10.7280, 3.8160



Tritanopia

124.8010, 55.5650, 22.7410

Trichromacy



Original Color

125.7870, 50.1530, 32.7210

Protanomaly

125.8420, 12.7890, 16.0290

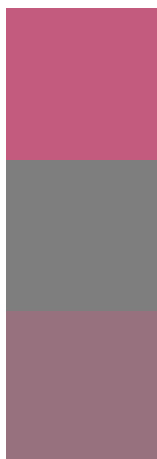
Deuteranomaly

126.1330, 25.0310, 14.4310

Tritanomaly

125.5390, 53.5470, 26.2750

Monochromacy



Original Color

125.7870, 50.1530, 32.7210

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8440, 18.4750, 12.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7870, 50.1530, 32.7210 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(194, 91, 126)` looks like.

```
.text, #text, p{  
    color:rgb(194, 91, 126)  
}
```

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(194, 91, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 91, 126) }
```

Border

The CSS property to change the border of an element to YIQ 125.7870, 50.1530, 32.7210 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(194, 91, 126) }
```


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

```
.border{ border-color:rgb(194, 91, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 91, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 91, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 91, 126); box-shadow:4px 4px 4px 4px rgb(194, 91, 126) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7870, 50.1530, 32.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 91, 126) }
```

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

```
.background{ background-color: rgb(194, 91,  
126) }
```

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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