

Converting Colors

YIQ(133.9250, 49.2840, 20.9320)

Have a look what the booklet for
YIQ(133.9250, 49.2840, 20.9320)
contains.

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Color

**YIQ(133.9250, 49.2840,
20.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	C26B73
RGB	194, 107, 115
RGB Percent	76%, 42%, 45%
CMY	0.2390, 0.5805, 0.5488
CMYK	0.00, 0.45, 0.41, 0.24
HSL	354°, 42%, 59%
HSV	354°, 45%, 76%
XYZ	30.6132, 23.2232, 19.1033
YIQ	133.9250, 49.2840, 20.9320

Conversions

Conversions Part 2

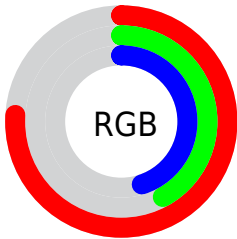
Format	Color
RYB	194, 107, 115
Decimal	12741491
CIELab	55.30, 35.40, 10.97
CIElCh	55, 37.063, 17.216
Yxy	23.2232, 0.4197, 0.3184
Android (android.graphics.Color)	4290931571 (0xFFC26B73)
YUV	133.9250, -9.3300, 52.6858
Hunter-Lab	48.1904, 29.0597, 10.2300

Details

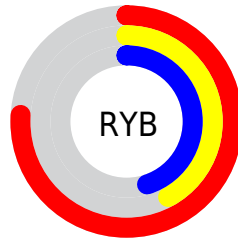
The YIQ color **133.9250, 49.2840, 20.9320** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **167.0750, -49.2840, -20.9320**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.6050, 53.1810, 21.8930**, and **82.0600, 44.4700, 20.0700** is the 20% darker color. If you saturate the color by 10%, you get **120.7200, 60.2870, 25.2710**, and if you desaturate by 10%, it is **147.1300, 38.2810, 16.5930**.

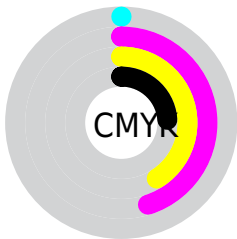
Distribution



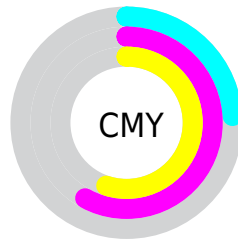
- Red (76%)
- Green (42%)
- Blue (45%)



- Red (76%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (24%)





- Cyan (24%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.9250, 49.2840, 20.9320 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 133.9250, 49.2840, 20.9320 by changing the saturation by 10% instead.


 133.9250, 49.2840,
20.9320


 133.9250, 49.2840,
20.9320


255.0000, -0.0000,
-0.0000

 107.8430, 46.5790,
20.3950


 188.6050, 53.1810,
21.8930

 82.0600, 44.4700,
20.0700


 208.1300, 38.2810,
16.5930


 56.8040, 42.3150,
20.5790

 228.3450, 21.3180,
10.1340

 29.4280, 40.6180,
23.8020

 247.9730, 4.6300,
4.1980

 17.3420, 34.5680,
12.2960

 8.7850, 16.9630,
6.4590

 0.0000, 0.0000,

0.0000

■ 133.9250, 49.2840,
20.9320

■ 133.9250, 49.2840,
20.9320

■ 120.7200, 60.2870,
25.2710

■ 147.1300, 38.2810,
16.5930

■ 107.0420, 71.2440,
30.4440

■ 160.8080, 27.3240,
11.4200

■ 93.8370, 82.2470,
34.7830

■ 174.0130, 16.3210,
7.0810

■ 80.1590, 93.2040,
39.9560

■ 187.6910, 5.3640,
1.9080

■ 66.9540, 104.2070,
44.2950

■ 200.8960, -5.6390,
-2.4310

■ 60.0580, 109.8460,
46.7260

■ 214.1010,
-16.6420, -6.7700

■ 227.7790,
-27.5990, -11.9430

■ 236.7610,
-36.3560, -12.9320

Harmonies

Analogous

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



135.8820, 33.6480, 28.9760



133.9250, 49.2840, 20.9320



132.4500, 51.5790, 6.8670

Triad

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



133.9250, 49.2840, 20.9320



123.7480, -9.1190, -27.4790



118.7620, -72.4870, -2.3990

Complementary

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



133.9250, 49.2840, 20.9320



167.0750, -49.2840, -20.9320

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.



106.1080, -97.6090, -20.6890



133.9250, 49.2840, 20.9320



115.1640, -48.4570, -30.4170

Square

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



133.9250, 49.2840, 20.9320



127.7640, 20.3150, -21.2610



104.5630, -89.1250, -31.2770



131.9250, -29.8050, 17.0350

Rectangle

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



133.9250, 49.2840, 20.9320



131.6630, 46.1250, -4.4270



104.5630, -89.1250, -31.2770



105.1280, -100.3610, -14.8650

Sweetspot

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



133.9250, 49.2840, 20.9320



229.9100, 18.1090, 7.7170



140.2400, 18.5610, 43.5930



113.5070, 11.8740, 5.0740



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.



133.9250, 49.2840, 20.9320



158.1460, 76.8830, 32.8750



153.5580, 42.2270, 0.1390



90.1040, 5.6390, 2.4310



49.8490, 91.1410, 38.7970



10.2090, 18.7050, 7.9290

Inverse Universe

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



133.9250, 49.2840, 20.9320



158.1460, 76.8830, 32.8750



147.4420, -42.2270, -0.1390



90.1040, 5.6390, 2.4310



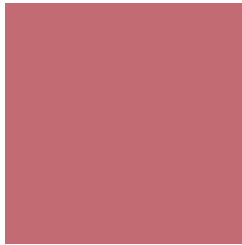
49.8490, 91.1410, 38.7970



10.2090, 18.7050, 7.9290

Previews

White Background



This preview shows how the YIQ color 133.9250, 49.2840, 20.9320 looks on a white background.

Color Contrast Check

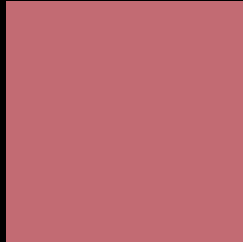
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9250, 49.2840, 20.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

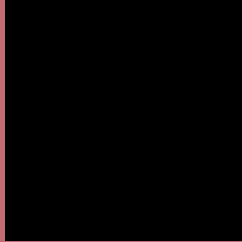
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.9250, 49.2840, 20.9320

Background



This preview shows how black text looks on a background with the YIQ color 133.9250, 49.2840, 20.9320.



This preview shows how white text looks on a background with the YIQ color 133.9250, 49.2840,

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

133.9250, 49.2840, 20.9320

Protanopia

132.7400, 3.6680, -0.3960

Deuteranopia

133.5370, 20.3570, 0.0130



Tritanopia

133.9250, 49.2840, 20.9320

Trichromacy



Original Color

133.9250, 49.2840, 20.9320

Protanomaly

133.1660, 20.2640, 7.2080

Deuteranomaly

133.4400, 31.1760, 7.6880

Tritanomaly

133.9250, 49.2840, 20.9320

Monochromacy



Original Color

133.9250, 49.2840, 20.9320

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9100, 18.1090, 7.7170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9250, 49.2840, 20.9320 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, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 115)  
}
```

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, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 115) }
```

Border

The CSS property to change the border of an element to YIQ 133.9250, 49.2840, 20.9320 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, 107, 115) }
```


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

```
.border{ border-color:rgb(194, 107, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 107, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 115);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9250, 49.2840, 20.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 107, 115) }
```

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

```
.background{ background-color: rgb(194,  
107, 115) }
```

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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