

Converting Colors

YIQ(122.5250, 49.2760, 65.1480)

Have a look what the booklet for
YIQ(122.5250, 49.2760, 65.1480)
contains.

YIQ(122.5250, 49.2760, 65.1480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(122.5250, 49.2760,
65.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	D243B3
RGB	210, 67, 179
RGB Percent	82%, 26%, 70%
CMY	0.1761, 0.7375, 0.2979
CMYK	0.00, 0.68, 0.15, 0.18
HSL	313°, 61%, 54%
HSV	313°, 68%, 82%
XYZ	36.7512, 20.9800, 44.7751
YIQ	122.5250, 49.2760, 65.1480

Conversions

Conversions Part 2

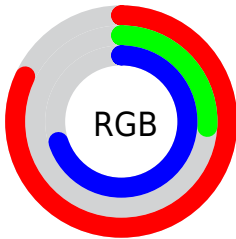
Format	Color
R _Y B	210, 67, 179
Decimal	13779891
CIE Lab	52.93, 67.16, -29.89
CIE LCh	53, 73.510, 336.011
Yxy	20.9800, 0.3585, 0.2047
Android (android.graphics.Color)	4291969971 (0xFFD243B3)
YUV	122.5250, 27.8422, 76.7156
Hunter-Lab	45.8039, 63.0643, -25.8955

Details

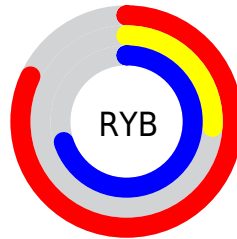
The YIQ color **122.5250, 49.2760, 65.1480** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **154.4750, -49.2760, -65.1480**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **176.4100, 42.1700, 61.7700**, and **59.8120, 50.1460, 71.4100** is the 20% darker color. If you saturate the color by 10%, you get **109.6280, 56.6560, 74.5760**, and if you desaturate by 10%, it is **135.4220, 41.8960, 55.7200**.

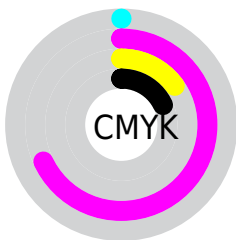
Distribution



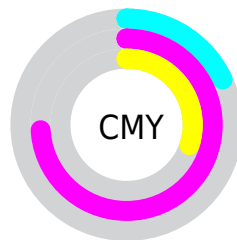
- Red (82%)
- Green (26%)
- Blue (70%)



- Red (82%)
- Yellow (26%)
- Blue (70%)



- Cyan (0%)
- Magenta (68%)
- Yellow (15%)
- Black (18%)



- Cyan (18%)
- Magenta (74%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5250, 49.2760, 65.1480 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 122.5250, 49.2760, 65.1480 by changing the saturation by 10% instead.

122.5250, 49.2760,
65.1480

122.5250, 49.2760,
65.1480

255.0000, -0.0000,
-0.0000

90.2310, 50.2840,
68.9080

176.4100, 42.1700,
61.7700

59.8120, 50.1460,
71.4100

195.7130, 27.7750,
52.8230

48.2910, 40.8870,
57.4870

212.7360, 19.8000,
37.6560

37.3680, 32.8200,
43.9880

229.7590, 11.8250,
22.4890

26.6730, 24.1110,
31.1110

247.3690, 3.5750,
6.7990

16.0920, 15.0810,
18.5450

0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 122.5250, 49.2760,
65.1480

■ 122.5250, 49.2760,
65.1480

■ 109.6280, 56.6560,
74.5760

■ 135.4220, 41.8960,
55.7200

■ 96.8450, 63.7150,
84.3150

■ 148.2050, 34.8370,
45.9810

■ 83.9480, 71.0950,
93.7430

■ 161.1020, 27.4570,
36.5530

■ 81.4860, 72.5160,
95.5240

■ 173.8850, 20.3980,
26.8140

■ 186.7820, 13.0180,
17.3860

■ 199.5650, 5.9590,
7.6470

■ 212.4620, -1.4210,
-1.7810

■ 225.3590, -8.8010,
-11.2090

■ 237.5550,
-15.5850, -20.4250

Harmonies

Analogous

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



128.5410, -18.7150, 47.3410



122.5250, 49.2760, 65.1480



110.4910, 90.1740, 61.8380

Triad

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



122.5250, 49.2760, 65.1480



117.2950, 48.8360, -37.0520



112.6110, -106.2750, -17.8190

Complementary

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



122.5250, 49.2760, 65.1480



154.4750, -49.2760, -65.1480

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.



106.1300, -86.6480, -37.6240



122.5250, 49.2760, 65.1480



105.7680, 4.1830, -59.3130

Square

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



122.5250, 49.2760, 65.1480



117.8690, 86.1070, -13.1650



96.7310, -64.3160, -56.8920



113.2900, -117.8320, -1.0960

Rectangle

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



122.5250, 49.2760, 65.1480



112.8500, 98.5680, 41.8640



96.7310, -64.3160, -56.8920



110.9180, -100.1300, -24.5620

Sweetspot

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



122.5250, 49.2760, 65.1480



223.8090, 17.5560, 23.2520



92.5710, -27.4270, 51.0450



109.0050, 10.7720, 14.0360



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.



122.5250, 49.2760, 65.1480



127.1870, 71.9200, 95.3120



114.4310, 72.0670, 43.0670



98.2010, 3.9880, 4.8200



65.2800, 57.7560, 76.6680



15.9070, 14.1640, 18.6440

Inverse Universe

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



122.5250, 49.2760, 65.1480



127.1870, 71.9200, 95.3120



162.6830, -72.3880, -42.7560



98.2010, 3.9880, 4.8200



65.2800, 57.7560, 76.6680



15.9070, 14.1640, 18.6440

Previews

White Background



This preview shows how the YIQ color 122.5250, 49.2760, 65.1480 looks on a white background.

Color Contrast Check

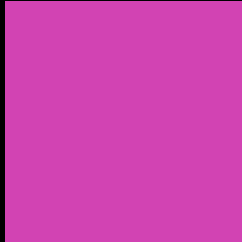
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.5250, 49.2760, 65.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

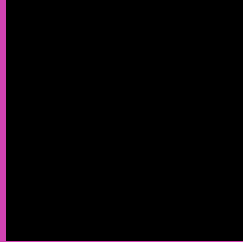
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.5250, 49.2760, 65.1480

Background



This preview shows how black text looks on a background with the YIQ color 122.5250, 49.2760, 65.1480.



This preview shows how white text looks on a background with the YIQ color 122.5250, 49.2760,

65.1480.

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

122.5250, 49.2760, 65.1480

Protanopia

121.8740, -60.1580, 21.9700

Deuteranopia

127.1400, -20.4050, 11.8750



Tritanopia

124.8730, 64.2300, 25.3980

Trichromacy



Original Color

122.5250, 49.2760, 65.1480



Protanomaly

121.9610, -20.3180, 37.8420



Deuteranomaly

125.6200, 5.2670, 31.2110



Tritanomaly

123.9070, 58.8630, 40.0710

Monochromacy



Original Color

122.5250, 49.2760, 65.1480



Achromatopsia

123.0000, -0.0000, -0.0000



Achromatomaly

123.1080, 18.1520, 23.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5250, 49.2760, 65.1480 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(210, 67, 179)` looks like.

```
.text, #text, p{  
    color:rgb(210, 67, 179)  
}
```

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(210, 67, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 67, 179) }
```

Border

The CSS property to change the border of an element to YIQ 122.5250, 49.2760, 65.1480 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(210, 67, 179) }
```


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

```
.border{ border-color:rgb(210, 67, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 67, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 67, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 67, 179);  
box-shadow:4px 4px 4px 4px rgb(210, 67,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5250, 49.2760, 65.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 67, 179) }
```

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

```
.background{ background-color: rgb(210, 67,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor