

Converting Colors

YIQ(121.8480, 66.5190, 44.4950)

Have a look what the booklet for
YIQ(121.8480, 66.5190, 44.4950)
contains.

YIQ(121.8480, 66.5190, 44.4950)	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(121.8480, 66.5190,
44.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	D54B7C
RGB	213, 75, 124
RGB Percent	84%, 29%, 49%
CMY	0.1643, 0.7061, 0.5135
CMYK	0.00, 0.65, 0.42, 0.16
HSL	339°, 62%, 56%
HSV	339°, 65%, 84%
XYZ	33.6210, 20.6408, 21.3000
YIQ	121.8480, 66.5190, 44.4950

Conversions

Conversions Part 2

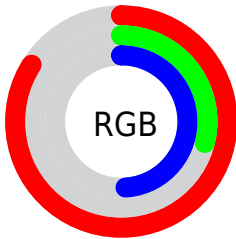
Format	Color
R_{YB}	213, 75, 124
Decimal	13978492
CIE _{Lab}	52.55, 58.12, 2.10
CIE _{LCh}	53, 58.158, 2.065
Yxy	20.6408, 0.4449, 0.2732
Android (android.graphics.Color)	4292168572 (0xFFD54B7C)
YUV	121.8480, 1.0609, 79.9403
Hunter-Lab	45.4322, 52.5884, 4.0056

Details

The YIQ color **121.8480, 66.5190, 44.4950** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **166.1520, -66.5190, -44.4950**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **173.2060, 59.4590, 40.2830**, and **54.5960, 67.7090, 55.9730** is the 20% darker color. If you saturate the color by 10%, you get **107.9250, 76.7880, 51.1240**, and if you desaturate by 10%, it is **135.7710, 56.2500, 37.8660**.

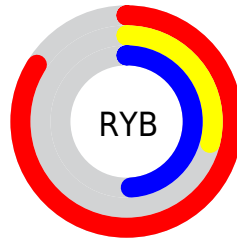
Distribution



Red (84%)

Green (29%)

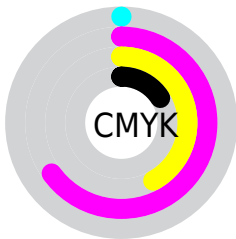
Blue (49%)



Red (84%)

Yellow (29%)

Blue (49%)

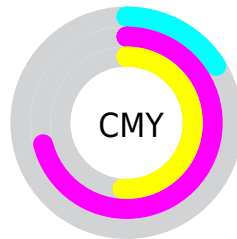


Cyan (0%)

Magenta (65%)

Yellow (42%)

Black (16%)



Cyan (16%)


Magenta (71%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.8480, 66.5190, 44.4950 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 121.8480, 66.5190, 44.4950 by changing the saturation by 10% instead.


 121.8480, 66.5190,
44.4950


 121.8480, 66.5190,
44.4950


255.0000, -0.0000,
-0.0000


 92.4180, 64.9140,
46.0500


 173.2060, 59.4590,
40.2830


 54.7100, 67.3880,
56.2840


 192.8340, 42.7710,
34.3470


 43.4170, 57.4870,
42.9830


 213.0490, 25.8080,
27.8880

 32.3520, 46.9440,
30.3040

 232.6940, 10.4500,
19.8740

 21.4290, 38.8770,
16.8050

 249.7170, 2.4750,
4.7070

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,

0.0000

■ 121.8480, 66.5190,
44.4950

■ 121.8480, 66.5190,
44.4950

■ 107.9250, 76.7880,
51.1240

■ 135.7710, 56.2500,
37.8660

■ 93.5290, 87.0110,
58.5870

■ 150.2810, 45.7060,
30.7140

■ 79.6060, 97.2800,
65.2160

■ 164.0900, 35.7580,
23.7740

■ 72.3510, 102.5520,
68.7920

■ 178.0130, 25.4890,
17.1450

■ 191.9360, 15.2200,
10.5160

■ 206.3320, 4.9970,
3.0530

■ 220.2550, -5.2720,
-3.5760

■ 234.1780,
-15.5410, -10.2050

■ 241.6440,
-22.7850, -11.0810

Harmonies

Analogous

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



127.5900, 32.3150, 47.6350



121.8480, 66.5190, 44.4950



120.6480, 77.9850, 23.9130

Triad

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



121.8480, 66.5190, 44.4950



113.1300, 9.6360, -42.4920



107.6360, -107.4230, -8.0230

Complementary

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



121.8480, 66.5190, 44.4950



166.1520, -66.5190, -44.4950

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.



107.0540, -97.5170, -22.3570



121.8480, 66.5190, 44.4950



93.7790, -64.2710, -52.1990

Square

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



121.8480, 66.5190, 44.4950



116.7410, 53.5120, -33.6880



101.9410, -81.7420, -38.4300



102.0740, -108.2960, 2.2960

Rectangle

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



121.8480, 66.5190, 44.4950



121.3740, 75.1000, 4.6040



101.9410, -81.7420, -38.4300



108.3710, -105.3590, -12.3910

Sweetspot

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



121.8480, 66.5190, 44.4950



223.2900, 23.1510, 15.4630



116.7450, 7.5540, 61.3620



108.2240, 14.3490, 9.7810



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.



121.8480, 66.5190, 44.4950



123.5950, 95.8130, 64.2690



126.8280, 77.2980, 19.8420



99.7450, 5.2720, 3.5760



58.0830, 82.3350, 55.2230



14.5670, 20.8130, 13.7810

Inverse Universe

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



121.8480, 66.5190, 44.4950



123.5950, 95.8130, 64.2690



161.1720, -77.2980, -19.8420



99.7450, 5.2720, 3.5760



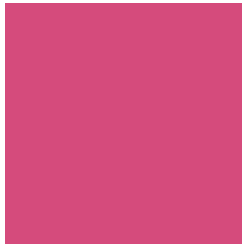
58.0830, 82.3350, 55.2230



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 121.8480, 66.5190, 44.4950 looks on a white background.

Color Contrast Check

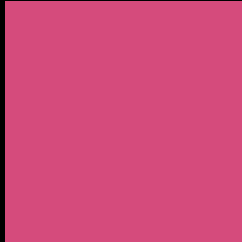
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8480, 66.5190, 44.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

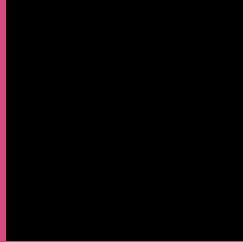
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.8480, 66.5190, 44.4950

Background



This preview shows how black text looks on a background with the YIQ color 121.8480, 66.5190, 44.4950.



This preview shows how white text looks on a background with the YIQ color 121.8480, 66.5190,

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

121.8480, 66.5190, 44.4950

Protanopia

126.5120, -12.8850, 7.7470

Deuteranopia

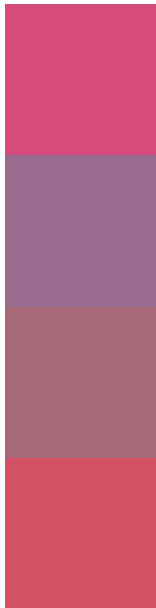
127.1110, 12.9290, 2.4730



Tritanopia

121.8420, 74.6830, 28.6910

Trichromacy



Original Color

121.8480, 66.5190, 44.4950

Protanomaly

124.8580, 15.8600, 20.9480

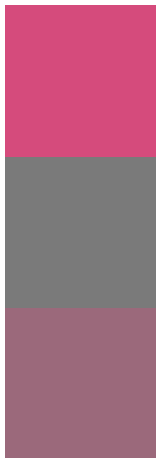
Deuteranomaly

125.2480, 32.1370, 17.8090

Tritanomaly

121.8620, 71.9310, 34.5150

Monochromacy



Original Color

121.8480, 66.5190, 44.4950

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0020, 24.0220, 16.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8480, 66.5190, 44.4950 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(213, 75, 124)` looks like.

```
.text, #text, p{  
    color:rgb(213, 75, 124)  
}
```

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(213, 75, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 75, 124) }
```

Border

The CSS property to change the border of an element to YIQ 121.8480, 66.5190, 44.4950 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(213, 75, 124) }
```


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

```
.border{ border-color:rgb(213, 75, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 75, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 75, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 75, 124);  
box-shadow:4px 4px 4px 4px rgb(213, 75,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8480, 66.5190, 44.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 75, 124) }
```

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

```
.background{ background-color: rgb(213, 75,  
124) }
```

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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