

Converting Colors

YIQ(123.3420, 62.0720, 42.4880)

Have a look what the booklet for
YIQ(123.3420, 62.0720, 42.4880)
contains.

YIQ(123.3420, 62.0720, 42.4880)	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(123.3420, 62.0720,
42.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	D14F7F
RGB	209, 79, 127
RGB Percent	82%, 31%, 50%
CMY	0.1801, 0.6904, 0.5017
CMYK	0.00, 0.62, 0.39, 0.18
HSL	338°, 59%, 56%
HSV	338°, 62%, 82%
XYZ	32.9453, 20.6857, 22.3532
YIQ	123.3420, 62.0720, 42.4880

Conversions

Conversions Part 2

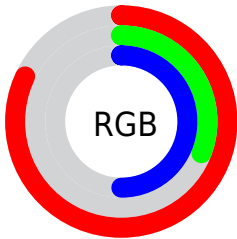
Format	Color
R_{YB}	209, 79, 127
Decimal	13717375
CIE _{Lab}	52.60, 55.52, 0.30
CIE _{LCh}	53, 55.522, 0.308
Yxy	20.6857, 0.4336, 0.2722
Android (android.graphics.Color)	4291907455 (0xFFD14F7F)
YUV	123.3420, 1.8034, 75.1221
Hunter-Lab	45.4816, 49.7065, 2.6973

Details

The YIQ color **123.3420, 62.0720, 42.4880** 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 **164.6580, -62.0720, -42.4880**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.4230, 57.3500, 39.9580**, and **61.9600, 60.5120, 48.7360** is the 20% darker color. If you saturate the color by 10%, you get **109.5330, 72.0200, 49.4280**, and if you desaturate by 10%, it is **137.1510, 52.1240, 35.5480**.

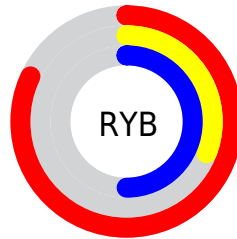
Distribution



Red (82%)

Green (31%)

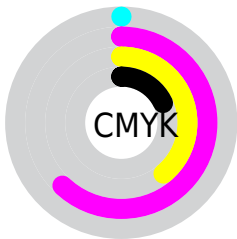
Blue (50%)



Red (82%)

Yellow (31%)

Blue (50%)

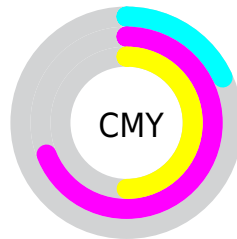


Cyan (0%)

Magenta (62%)

Yellow (39%)

Black (18%)



Cyan (18%)


Magenta (69%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.3420, 62.0720, 42.4880 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 123.3420, 62.0720, 42.4880 by changing the saturation by 10% instead.


 123.3420, 62.0720,
42.4880


 123.3420, 62.0720,
42.4880


255.0000, -0.0000,
-0.0000


 94.4990, 60.1920,
43.5200


 175.4230, 57.3500,
39.9580


 61.3730, 60.7870,
49.2590


 194.9370, 40.9830,
33.7110

 42.5630, 54.1400,
43.0680


 215.1520, 24.0200,
27.2520

 31.6830, 44.5140,
30.2900

 233.8680, 9.9000,
18.8280

 21.4010, 36.0800,
17.9360

 251.4780, 1.6500,
3.1380

 11.1770, 21.7310,
8.1550

 0.0000, 0.0000,

0.0000

■ 123.3420, 62.0720,
42.4880

■ 123.3420, 62.0720,
42.4880

■ 109.5330, 72.0200,
49.4280

■ 137.1510, 52.1240,
35.5480

■ 95.7240, 81.9680,
56.3680

■ 150.9600, 42.1760,
28.6080

■ 81.9150, 91.9160,
63.3080

■ 164.8830, 31.9070,
21.9790

■ 71.2690, 99.8470,
68.2550

■ 178.6920, 21.9590,
15.0390

■ 191.9140, 12.2860,
8.6220

■ 205.7230, 2.3380,
1.6820

■ 219.5320, -7.6100,
-5.2580

■ 233.3410,
-17.5580, -12.1980

■ 240.2200,
-24.5270, -12.5510

Harmonies

Analogous

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



127.9700, 28.1890, 45.3170



123.3420, 62.0720, 42.4880



121.7940, 74.6380, 23.9980

Triad

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



123.3420, 62.0720, 42.4880



114.4940, 11.6070, -39.6650



107.0660, -105.8180, -9.5780

Complementary

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



123.3420, 62.0720, 42.4880



164.6580, -62.0720, -42.4880

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.



105.8970, -95.6370, -23.3890



123.3420, 62.0720, 42.4880



97.6770, -55.0560, -48.4960

Square

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



123.3420, 62.0720, 42.4880



118.3480, 50.4850, -28.3870



101.1260, -80.8250, -38.5290



102.0910, -106.9660, 0.2180

Rectangle

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



123.3420, 62.0720, 42.4880



121.8730, 72.2570, 6.5690



101.1260, -80.8250, -38.5290



107.6870, -103.4330, -14.2570

Sweetspot

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



123.3420, 62.0720, 42.4880



223.2900, 23.1510, 15.4630



117.7400, 5.9500, 57.3900



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.



123.3420, 62.0720, 42.4880



129.0890, 91.3660, 62.2620



126.6750, 73.3550, 19.7150



97.7450, 5.2720, 3.5760



57.3000, 80.2260, 54.8980



13.9690, 19.6210, 13.3570

Inverse Universe

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



123.3420, 62.0720, 42.4880



129.0890, 91.3660, 62.2620



161.3250, -73.3550, -19.7150



97.7450, 5.2720, 3.5760



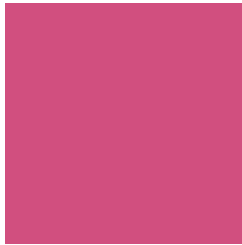
57.3000, 80.2260, 54.8980



13.9690, 19.6210, 13.3570

Previews

White Background



This preview shows how the YIQ color 123.3420, 62.0720, 42.4880 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 123.3420, 62.0720, 42.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

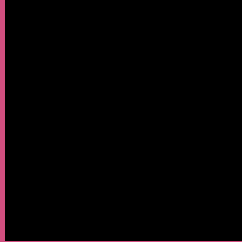
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.3420, 62.0720, 42.4880

Background



This preview shows how black text looks on a background with the YIQ color 123.3420, 62.0720, 42.4880.



This preview shows how white text looks on a background with the YIQ color 123.3420, 62.0720,

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

123.3420, 62.0720, 42.4880

Protanopia

126.6260, -13.2060, 8.0580

Deuteranopia

127.2680, 11.0490, 3.5050



Tritanopia

122.8630, 70.1900, 27.5180

Trichromacy



Original Color

123.3420, 62.0720, 42.4880

Protanomaly

125.3740, 14.3470, 20.8350

Deuteranomaly

125.5790, 29.7070, 17.7950

Tritanomaly

122.8830, 67.4380, 33.3420

Monochromacy



Original Color

123.3420, 62.0720, 42.4880

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9910, 22.5550, 15.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3420, 62.0720, 42.4880 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(209, 79, 127)` looks like.

```
.text, #text, p{  
    color:rgb(209, 79, 127)  
}
```

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(209, 79, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 79, 127) }
```

Border

The CSS property to change the border of an element to YIQ 123.3420, 62.0720, 42.4880 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(209, 79, 127) }
```


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

```
.border{ border-color:rgb(209, 79, 127) }
```

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

Here you see how a box with a 4 pixel rgb(209, 79, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 79, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 79, 127);  
box-shadow:4px 4px 4px 4px rgb(209, 79,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3420, 62.0720, 42.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 79, 127) }
```

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

```
.background{ background-color: rgb(209, 79,  
127) }
```

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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