

Converting Colors

YIQ(123.4920, 44.8750, 62.3070)

Have a look what the booklet for
YIQ(123.4920, 44.8750, 62.3070)
contains.

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Color

**YIQ(123.4920, 44.8750,
62.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	CD47B4
RGB	205, 71, 180
RGB Percent	80%, 28%, 71%
CMY	0.1957, 0.7218, 0.2940
CMYK	0.00, 0.65, 0.12, 0.20
HSL	311°, 57%, 54%
HSV	311°, 65%, 80%
XYZ	35.6944, 20.7888, 45.3241
YIQ	123.4920, 44.8750, 62.3070

Conversions

Conversions Part 2

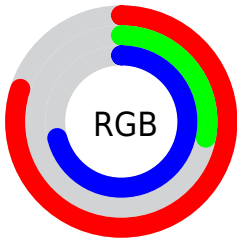
Format	Color
R _Y B	205, 71, 180
Decimal	13453236
CIE Lab	52.72, 64.54, -30.85
CIE LCh	53, 71.536, 334.450
Yxy	20.7888, 0.3506, 0.2042
Android (android.graphics.Color)	4291643316 (0xFFCD47B4)
YUV	123.4920, 27.8584, 71.4825
Hunter-Lab	45.5947, 59.9502, -27.0218

Details

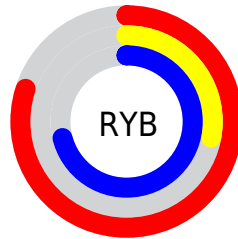
The YIQ color **123.4920, 44.8750, 62.3070** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **152.5080, -44.8750, -62.3070**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.2850, 41.0240, 60.5120**, and **58.4310, 46.8450, 70.6610** is the 20% darker color. If you saturate the color by 10%, you get **110.7090, 51.9340, 72.0460**, and if you desaturate by 10%, it is **135.6880, 38.0910, 53.0910**.

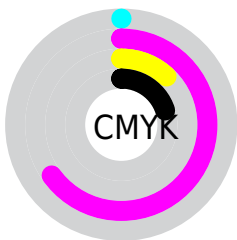
Distribution



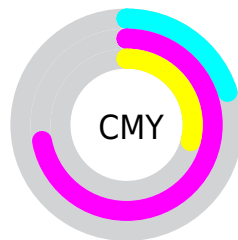
- Red (80%)
- Green (28%)
- Blue (71%)



- Red (80%)
- Yellow (28%)
- Blue (71%)



- Cyan (0%)
- Magenta (65%)
- Yellow (12%)
- Black (20%)




- Cyan (20%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.4920, 44.8750, 62.3070 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 123.4920, 44.8750, 62.3070 by changing the saturation by 10% instead.


 123.4920, 44.8750,
62.3070


 123.4920, 44.8750,
62.3070


255.0000, -0.0000,
-0.0000


 92.9590, 45.0580,
64.4980


 178.2850, 41.0240,
60.5120


 58.4310, 46.8450,
70.6610


 197.4740, 26.9500,
51.2540

 47.0950, 38.5030,
56.6390


 213.9100, 19.2500,
36.6100

 36.2860, 30.1150,
43.4510

 230.9330, 11.2750,
21.4430

 25.8900, 22.0020,
30.7860

 248.5430, 3.0250,
5.7530

 15.0100, 12.3760,
18.0080

 0.3420, -0.9630,

0.9330

■ 0.0000, 0.0000,
0.0000

■ 123.4920, 44.8750,
62.3070

■ 123.4920, 44.8750,
62.3070

■ 110.7090, 51.9340,
72.0460

■ 135.6880, 38.0910,
53.0910

■ 98.5130, 58.7180,
81.2620

■ 148.4710, 31.0320,
43.3520

■ 85.8440, 65.4560,
91.3120

■ 160.6670, 24.2480,
34.1360

■ 80.3330, 68.5730,
95.3970

■ 173.3360, 17.5100,
24.0860

■ 186.1190, 10.4510,
14.3470

■ 198.3150, 3.6670,
5.1310

■ 211.0980, -3.3920,
-4.6080

■ 223.2940,
-10.1760, -13.8240

■ 235.4900,
-16.9600, -23.0400

Harmonies

Analogous

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



127.9920, -21.6030, 44.6130



123.4920, 44.8750, 62.3070



112.2840, 86.3230, 60.0430

Triad

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



123.4920, 44.8750, 62.3070



117.0180, 51.1740, -35.3700



111.3400, -104.0740, -19.1620

Complementary

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



123.4920, 44.8750, 62.3070



152.5080, -44.8750, -62.3070

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.



105.0870, -85.0890, -38.3450



123.4920, 44.8750, 62.3070



106.3880, 8.3090, -56.9950

Square

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



123.4920, 44.8750, 62.3070



117.5810, 86.9780, -12.4300



95.3290, -63.1240, -56.4680



112.7200, -116.2270, -2.6510

Rectangle

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



123.4920, 44.8750, 62.3070



113.5830, 94.9460, 41.4260



95.3290, -63.1240, -56.4680



109.7610, -98.2500, -25.5940

Sweetspot

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



123.4920, 44.8750, 62.3070



223.9230, 17.2350, 23.5630



93.7510, -28.1140, 46.9740



109.1190, 10.4510, 14.3470



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.



123.4920, 44.8750, 62.3070



133.9690, 66.6020, 92.5700



115.8540, 66.3820, 41.4700



95.9020, 3.3920, 4.6080



65.0240, 55.6010, 77.1770



14.8960, 12.6970, 17.6970

Inverse Universe

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



123.4920, 44.8750, 62.3070



133.9690, 66.6020, 92.5700



160.1460, -66.3820, -41.4700



95.9020, 3.3920, 4.6080



65.0240, 55.6010, 77.1770



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 123.4920, 44.8750, 62.3070 looks on a white background.

Color Contrast Check

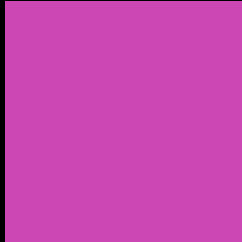
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.4920, 44.8750, 62.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

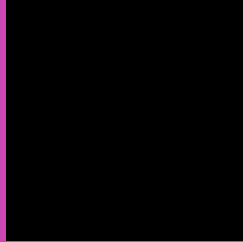
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.4920, 44.8750, 62.3070

Background



This preview shows how black text looks on a background with the YIQ color 123.4920, 44.8750, 62.3070.



This preview shows how white text looks on a background with the YIQ color 123.4920, 44.8750,

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

123.4920, 44.8750, 62.3070

Protanopia

121.3580, -58.6450, 22.0830

Deuteranopia

126.7700, -22.2390, 12.0730



Tritanopia

125.4810, 59.4620, 23.7020

Trichromacy



Original Color

123.4920, 44.8750, 62.3070



Protanomaly

122.1350, -20.8680, 36.7960



Deuteranomaly

125.2390, 1.9660, 30.4620



Tritanomaly

124.9880, 54.1410, 37.5410

Monochromacy



Original Color

123.4920, 44.8750, 62.3070



Achromatopsia

123.0000, -0.0000, -0.0000



Achromatomaly

123.2110, 16.3640, 22.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4920, 44.8750, 62.3070 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(205, 71, 180)` looks like.

```
.text, #text, p{  
    color:rgb(205, 71, 180)  
}
```

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(205, 71, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 71, 180) }
```

Border

The CSS property to change the border of an element to YIQ 123.4920, 44.8750, 62.3070 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(205, 71, 180) }
```


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

```
.border{ border-color:rgb(205, 71, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 71, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 71, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 71, 180);  
box-shadow:4px 4px 4px 4px rgb(205, 71,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4920, 44.8750, 62.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 71, 180) }
```

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

```
.background{ background-color: rgb(205, 71,  
180) }
```

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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