

Converting Colors

YIQ(77.3220, 75.1330, 75.6210)

Have a look what the booklet for
YIQ(77.3220, 75.1330, 75.6210)
contains.

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Color

**YIQ(77.3220, 75.1330,
75.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	C4087B
RGB	196, 8, 123
RGB Percent	77%, 3%, 48%
CMY	0.2309, 0.9688, 0.5174
CMYK	0.00, 0.96, 0.37, 0.23
HSL	323°, 92%, 40%
HSV	323°, 96%, 77%
XYZ	26.4639, 13.3569, 19.9397
YIQ	77.3220, 75.1330, 75.6210

Conversions

Conversions Part 2

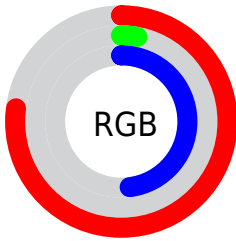
Format	Color
R_{YB}	196, 8, 123
Decimal	12847227
CIE _{Lab}	43.30, 70.91, -11.34
CIE _{LCh}	43, 71.808, 350.913
Yxy	13.3569, 0.4428, 0.2235
Android (android.graphics.Color)	4291037307 (0xFFC4087B)
YUV	77.3220, 22.5193, 104.0806
Hunter-Lab	36.5471, 65.2952, -6.7651

Details

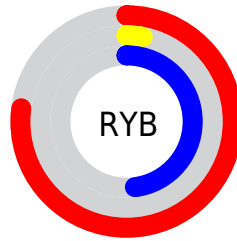
The YIQ color **77.3220, 75.1330, 75.6210** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **126.6780, -75.1330, -75.6210**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.4380, 71.3300, 61.9380**, and **49.1000, 57.3020, 51.8460** is the 20% darker color. If you saturate the color by 10%, you get **72.2840, 78.2960, 78.8720**, and if you desaturate by 10%, it is **89.9740, 67.0650, 67.6490**.

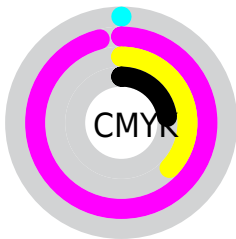
Distribution



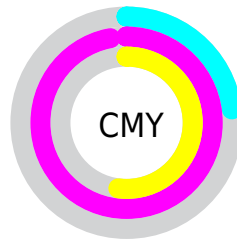
- Red (77%)
- Green (3%)
- Blue (48%)



- Red (77%)
- Yellow (3%)
- Blue (48%)



- Cyan (0%)
- Magenta (96%)
- Yellow (37%)
- Black (23%)





- Cyan (23%)
- Magenta (97%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.3220, 75.1330, 75.6210 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 77.3220, 75.1330, 75.6210 by changing the saturation by 10% instead.


 77.3220, 75.1330,
75.6210


 77.3220, 75.1330,
75.6210


255.0000, -0.0000,
-0.0000


 60.8060, 67.4780,
65.6700


 148.5520, 71.0090,
62.2490


 49.3990, 57.8980,
52.0580


 169.2400, 54.0920,
54.9560


 37.9210, 47.0800,
38.8560

 189.4550, 37.1290,
48.4970

 27.1550, 37.1330,
26.3890

 209.2140, 21.4500,
40.7940

 15.4770, 29.7540,
11.4340

 226.8240, 13.2000,
25.1040

 0.0000, 0.0000,
0.0000

 244.4340, 4.9500,

■ 77.3220, 75.1330,
75.6210

■ 77.3220, 75.1330,
75.6210

■ 72.2840, 78.2960,
78.8720

■ 89.9740, 67.0650,
67.6490

■ 101.9250, 59.5930,
59.8890

■ 114.5770, 51.5250,
51.9170

■ 126.6420, 43.7320,
44.4680

■ 139.1800, 35.9850,
36.1850

■ 151.8320, 27.9170,
28.2130

■ 163.7830, 20.4450,
20.4530

■ 176.4350, 12.3770,
12.4810

■ 188.5000, 4.5840,
5.0320

Harmonies

Analogous

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



101.8460, 17.2750, 55.8910



77.3220, 75.1330, 75.6210



77.6730, 95.1730, 53.8370

Triad

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



77.3220, 75.1330, 75.6210



91.1590, 19.8600, -40.5560



95.6050, -96.9700, -4.7300

Complementary

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



77.3220, 75.1330, 75.6210



126.6780, -75.1330, -75.6210

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.



90.8510, -80.8280, -21.9480



77.3220, 75.1330, 75.6210



72.0530, -36.1640, -60.4840

Square

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



77.3220, 75.1330, 75.6210



96.4510, 57.8650, -18.9590



83.3100, -60.9720, -40.3960



92.6990, -102.5660, 8.5860

Rectangle

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



77.3220, 75.1330, 75.6210



89.0100, 91.4650, 21.9050



83.3100, -60.9720, -40.3960



94.4820, -92.4300, -9.9180

Sweetspot

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



77.3220, 75.1330, 75.6210



208.2560, 29.6590, 29.6830



50.9600, -17.4360, 73.7320



99.5330, 18.1530, 17.9370



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.



77.3220, 75.1330, 75.6210



94.0290, 101.9040, 102.5760



66.7200, 104.9860, 46.6980



90.6740, 4.0340, 3.9860



59.3110, 64.4980, 64.6100



12.1470, 13.2480, 13.2160

Inverse Universe

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



77.3220, 75.1330, 75.6210



94.0290, 101.9040, 102.5760



137.2800, -104.9860, -46.6980



90.6740, 4.0340, 3.9860



59.3110, 64.4980, 64.6100



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 77.3220, 75.1330, 75.6210 looks on a white background.

Color Contrast Check

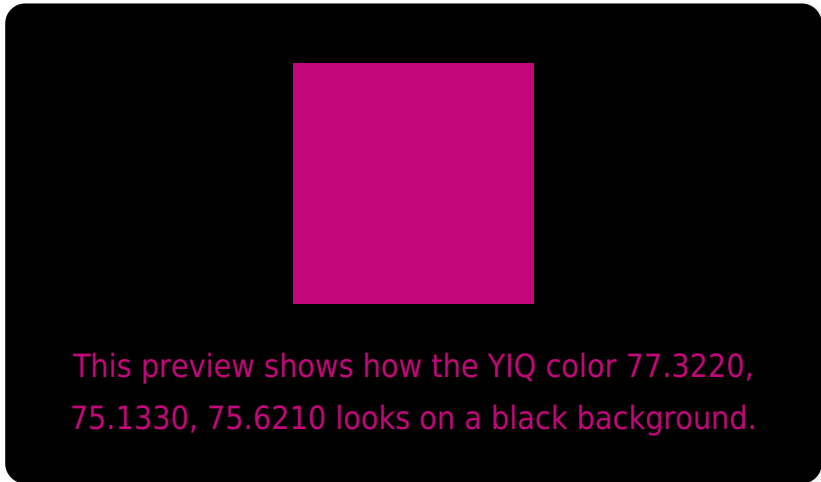
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

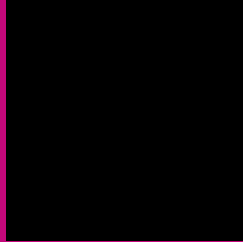
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.3220, 75.1330, 75.6210

Background



This preview shows how black text looks on a background with the YIQ color 77.3220, 75.1330, 75.6210.



This preview shows how white text looks on a background with the YIQ color 77.3220, 75.1330,

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

77.3220, 75.1330, 75.6210

Protanopia

101.7650, -41.0380, 16.8660

Deuteranopia

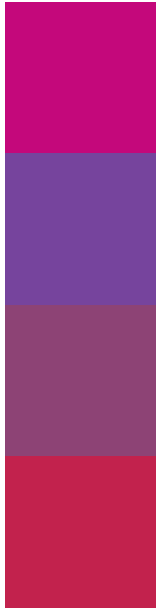
104.8740, 0.5950, 5.7390



Tritanopia

91.9850, 84.5860, 30.9380

Trichromacy



Original Color

77.3220, 75.1330, 75.6210

Protanomaly

93.0960, 1.2310, 38.2790

Deuteranomaly

94.8260, 28.0540, 31.2380

Tritanomaly

86.7420, 81.5570, 47.2930

Monochromacy



Original Color

77.3220, 75.1330, 75.6210

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.1200, 27.0460, 27.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.3220, 75.1330, 75.6210 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(196, 8, 123)` looks like.

```
.text, #text, p{  
    color:rgb(196, 8, 123)  
}
```

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(196, 8, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 8, 123) }
```

Border

The CSS property to change the border of an element to YIQ 77.3220, 75.1330, 75.6210 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(196, 8, 123) }
```


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

```
.border{ border-color:rgb(196, 8, 123) }
```

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

Here you see how a box with a 4 pixel rgb(196, 8, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 8, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 8, 123);  
box-shadow:4px 4px 4px 4px rgb(196, 8,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 77.3220, 75.1330, 75.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 8, 123) }
```

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

```
.background{ background-color: rgb(196, 8,  
123) }
```

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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