

Converting Colors

YIQ(120.7320, 51.9860, 38.0500)

Have a look what the booklet for
YIQ(120.7320, 51.9860, 38.0500)
contains.

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Color

**YIQ(120.7320, 51.9860,
38.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	C25280
RGB	194, 82, 128
RGB Percent	76%, 32%, 50%
CMY	0.2389, 0.6786, 0.4979
CMYK	0.00, 0.58, 0.34, 0.24
HSL	335°, 48%, 54%
HSV	335°, 58%, 76%
XYZ	29.1804, 19.0665, 22.5793
YIQ	120.7320, 51.9860, 38.0500

Conversions

Conversions Part 2

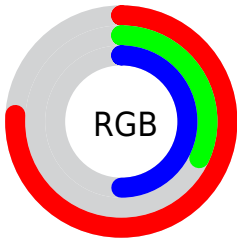
Format	Color
RYB	194, 82, 128
Decimal	12735104
CIELab	50.76, 49.52, -3.27
CIELCh	51, 49.632, 356.224
Yxy	19.0665, 0.4120, 0.2692
Android (android.graphics.Color)	4290925184 (0xFFC25280)
YUV	120.7320, 3.5831, 64.2560
Hunter-Lab	43.6652, 42.8732, -0.0933

Details

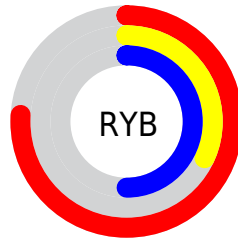
The YIQ color **120.7320, 51.9860, 38.0500** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **155.2680, -51.9860, -38.0500**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1130, 55.2870, 38.7990**, and **64.6440, 49.4180, 40.5380** is the 20% darker color. If you saturate the color by 10%, you get **108.3250, 60.7420, 44.5660**, and if you desaturate by 10%, it is **133.1390, 43.2300, 31.5340**.

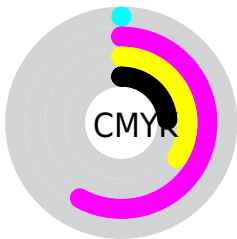
Distribution



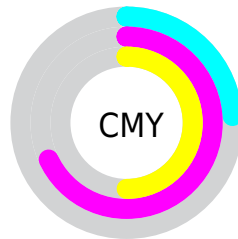
- Red (76%)
- Green (32%)
- Blue (50%)



- Red (76%)
- Yellow (32%)
- Blue (50%)



- Cyan (0%)
- Magenta (58%)
- Yellow (34%)
- Black (24%)





- Cyan (24%)
- Magenta (68%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.7320, 51.9860, 38.0500 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 120.7320, 51.9860, 38.0500 by changing the saturation by 10% instead.

 120.7320, 51.9860,
38.0500


 120.7320, 51.9860,
38.0500


255.0000, -0.0000,
-0.0000


 93.3620, 50.1520,
38.2480


 176.1130, 55.2870,
38.7990


 64.6440, 49.4180,
40.5380


 195.6380, 40.3870,
33.4990


 38.9750, 46.9880,
40.5240


 215.3800, 23.3780,
27.8740

 28.5080, 37.6370,
28.2690

 234.4550, 9.6250,
18.3050

 18.5250, 29.7990,
16.1270

 251.4780, 1.6500,
3.1380

 6.2790, 12.5160,
4.4520

 0.0000, 0.0000,

0.0000

■ 120.7320, 51.9860,
38.0500

■ 120.7320, 51.9860,
38.0500

■ 108.3250, 60.7420,
44.5660

■ 133.1390, 43.2300,
31.5340

■ 95.2170, 70.0940,
51.2940

■ 146.2470, 33.8780,
24.8060

■ 82.8100, 78.8500,
57.8100

■ 158.6540, 25.1220,
18.2900

■ 69.7020, 88.2020,
64.5380

■ 171.7620, 15.7700,
11.5620

■ 67.1260, 89.9440,
66.0080

■ 184.1690, 7.0140,
5.0460

■ 196.6900, -2.0630,
-1.1590

■ 209.6840,
-11.0940, -8.1980

■ 222.0910,
-19.8500, -14.7140

■ 234.0250,
-28.6520, -20.3960

Harmonies

Analogous

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



124.3770, 19.4330, 38.8010



120.7320, 51.9860, 38.0500



118.6020, 66.4310, 24.0550

Triad

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



120.7320, 51.9860, 38.0500



112.0480, 16.0990, -32.9650



102.1930, -98.9860, -12.2500

Complementary

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



120.7320, 51.9860, 38.0500



155.2680, -51.9860, -38.0500

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.



100.6650, -89.1720, -24.9160



120.7320, 51.9860, 38.0500



103.1640, -31.2620, -39.1820

Square

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



120.7320, 51.9860, 38.0500



116.2370, 46.7240, -20.7960



95.7630, -75.3690, -38.2890



97.9190, -100.7300, -2.6660

Rectangle

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



120.7320, 51.9860, 38.0500



118.6320, 65.7460, 8.9300



95.7630, -75.3690, -38.2890



102.2270, -96.3260, -16.4060

Sweetspot

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



120.7320, 51.9860, 38.0500



224.4960, 19.5750, 14.1910



114.2030, 2.7880, 48.6120



110.9140, 12.2860, 8.6220



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.



120.7320, 51.9860, 38.0500



138.2340, 80.5920, 59.2800



120.7710, 64.2770, 19.0370



90.4460, 4.6760, 3.3640



55.6630, 74.7700, 54.6580



11.4630, 15.1740, 11.3500

Inverse Universe

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



120.7320, 51.9860, 38.0500



138.2340, 80.5920, 59.2800



155.2290, -64.2770, -19.0370



90.4460, 4.6760, 3.3640



55.6630, 74.7700, 54.6580



11.4630, 15.1740, 11.3500

Previews

White Background



This preview shows how the YIQ color 120.7320, 51.9860, 38.0500 looks on a white background.

Color Contrast Check

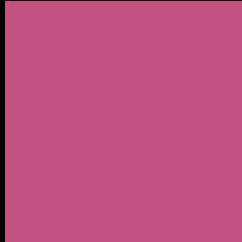
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.7320, 51.9860, 38.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

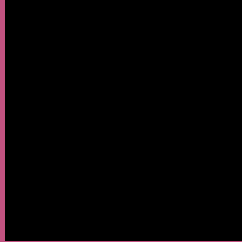
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.7320, 51.9860, 38.0500

Background



This preview shows how black text looks on a background with the YIQ color 120.7320, 51.9860, 38.0500.



This preview shows how white text looks on a background with the YIQ color 120.7320, 51.9860,

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

120.7320, 51.9860, 38.0500

Protanopia

121.8540, -13.8480, 8.6800

Deuteranopia

123.0550, 7.3350, 4.7350



Tritanopia

120.1820, 58.8660, 23.4900

Trichromacy



Original Color

120.7320, 51.9860, 38.0500

Protanomaly

121.2810, 10.1750, 19.3510

Deuteranomaly

122.2300, 23.3800, 16.8200

Tritanomaly

120.0880, 56.4350, 29.0030

Monochromacy



Original Color

120.7320, 51.9860, 38.0500

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1970, 18.9790, 13.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.7320, 51.9860, 38.0500 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(194, 82, 128)` looks like.

```
.text, #text, p{  
    color:rgb(194, 82, 128)  
}
```

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(194, 82, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 82, 128) }
```

Border

The CSS property to change the border of an element to YIQ 120.7320, 51.9860, 38.0500 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(194, 82, 128) }
```


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

```
.border{ border-color:rgb(194, 82, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 82, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 82, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 82, 128);  
box-shadow:4px 4px 4px 4px rgb(194, 82,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 120.7320, 51.9860, 38.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 82, 128) }
```

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

```
.background{ background-color: rgb(194, 82,  
128) }
```

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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