

Converting Colors

YIQ(117.7840, 38.1810, 62.4770)

Have a look what the booklet for
YIQ(117.7840, 38.1810, 62.4770)
contains.

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Color

**YIQ(117.7840, 38.1810,
62.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	C143B6
RGB	193, 67, 182
RGB Percent	76%, 26%, 71%
CMY	0.2428, 0.7374, 0.2862
CMYK	0.00, 0.65, 0.06, 0.24
HSL	305°, 50%, 51%
HSV	305°, 65%, 76%
XYZ	32.4656, 18.7360, 46.1699
YIQ	117.7840, 38.1810, 62.4770

Conversions

Conversions Part 2

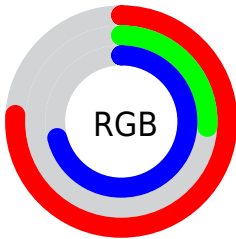
Format	Color
RYB	193, 67, 182
Decimal	12665782
CIELab	50.38, 63.41, -35.81
CIElCh	50, 72.822, 330.542
Yxy	18.7360, 0.3334, 0.1924
Android (android.graphics.Color)	4290855862 (0xFFC143B6)
YUV	117.7840, 31.6585, 65.9644
Hunter-Lab	43.2851, 58.1335, -32.9418

Details

The YIQ color **117.7840, 38.1810, 62.4770** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **142.2160, -38.1810, -62.4770**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2680, 39.6940, 62.5900**, and **55.3700, 39.6470, 68.9510** is the 20% darker color. If you saturate the color by 10%, you get **106.4030, 44.0480, 71.7920**, and if you desaturate by 10%, it is **129.1650, 32.3140, 53.1620**.

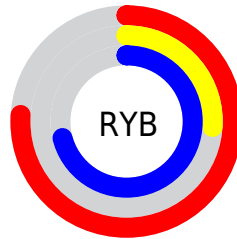
Distribution



Red (76%)

Green (26%)

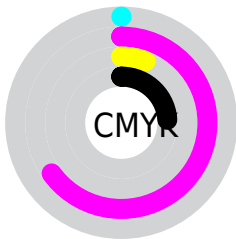
Blue (71%)



Red (76%)

Yellow (26%)

Blue (71%)

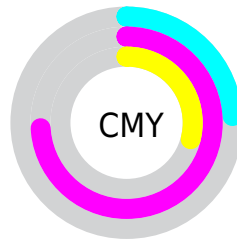


Cyan (0%)

Magenta (65%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (74%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.7840, 38.1810, 62.4770 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 117.7840, 38.1810, 62.4770 by changing the saturation by 10% instead.

■ 117.7840, 38.1810,
62.4770

■ 117.7840, 38.1810,
62.4770

255.0000, -0.0000,
-0.0000

■ 87.2510, 38.3640,
64.6680

■ 175.2680, 39.6940,
62.5900

■ 55.3700, 39.6470,
68.9510

■ 194.5390, 28.3250,
53.8690

■ 44.0340, 31.3050,
54.9290

■ 210.9750, 20.6250,
39.2250

■ 33.2250, 22.9170,
41.7410

■ 227.9980, 12.6500,
24.0580

■ 23.3130, 16.3170,
29.1890

■ 245.6080, 4.4000,
8.3680

■ 11.5360, 4.9030,
15.7750

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 117.7840, 38.1810,
62.4770

■ 117.7840, 38.1810,
62.4770

■ 106.4030, 44.0480,
71.7920

■ 129.1650, 32.3140,
53.1620

■ 94.5490, 49.8690,
81.9410

■ 141.0190, 26.4930,
43.0130

■ 83.1680, 55.7360,
91.2560

■ 152.4000, 20.6260,
33.6980

■ 77.7710, 58.5320,
95.6520

■ 163.7810, 14.7590,
24.3830

■ 175.6350, 8.9380,
14.2340

■ 187.0160, 3.0710,
4.9190

■ 198.3970, -2.7960,
-4.3960

■ 209.7780, -8.6630,
-13.7110

■ 221.6320,
-14.4840, -23.8600

Harmonies

Analogous

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



120.2400, -34.1650, 40.9950



117.7840, 38.1810, 62.4770



103.4890, 84.4880, 65.7680

Triad

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



117.7840, 38.1810, 62.4770



112.3220, 53.3740, -31.1860



106.4500, -98.5720, -19.7560

Complementary

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



117.7840, 38.1810, 62.4770



142.2160, -38.1810, -62.4770

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.



99.2680, -78.3490, -39.3490



117.7840, 38.1810, 62.4770



103.1760, 12.0220, -52.6980

Square

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



117.7840, 38.1810, 62.4770



111.4120, 89.1320, -7.4120



90.0970, -56.6590, -57.9950



108.7590, -111.9630, -2.8350

Rectangle

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



117.7840, 38.1810, 62.4770



103.8100, 96.0450, 49.0450



90.0970, -56.6590, -57.9950



104.7570, -92.4270, -26.4990

Sweetspot

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



117.7840, 38.1810, 62.4770



220.1940, 15.0340, 24.9060



84.3540, -34.4860, 41.3060



107.0480, 9.2130, 14.7570



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



117.7840, 38.1810, 62.4770



133.5970, 59.0820, 96.6980



110.7160, 58.0830, 43.1950



91.0160, 3.0710, 4.9190



64.8970, 48.7690, 79.8490



13.2870, 10.0380, 16.3260

Inverse Universe

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



117.7840, 38.1810, 62.4770



133.5970, 59.0820, 96.6980



149.3980, -58.4040, -42.8840



91.0160, 3.0710, 4.9190



64.8970, 48.7690, 79.8490



13.2870, 10.0380, 16.3260

Previews

White Background



This preview shows how the YIQ color 117.7840, 38.1810, 62.4770 looks on a white background.

Color Contrast Check

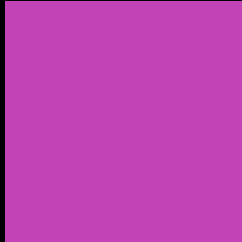
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.7840, 38.1810, 62.4770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

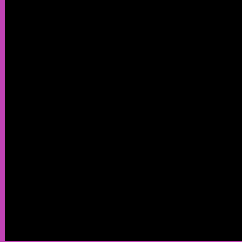
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.7840, 38.1810, 62.4770

Background



This preview shows how black text looks on a background with the YIQ color 117.7840, 38.1810, 62.4770.



This preview shows how white text looks on a background with the YIQ color 117.7840, 38.1810,

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

117.7840, 38.1810, 62.4770

Protanopia

112.7960, -68.6860, 22.3380

Deuteranopia

119.2900, -29.5750, 12.8650



Tritanopia

120.1920, 52.9060, 21.3700

Trichromacy



Original Color

117.7840, 38.1810, 62.4770

Protanomaly

114.7580, -29.9920, 36.9520

Deuteranomaly

118.6450, -5.0490, 30.9430

Tritanomaly

119.3400, 47.2180, 36.3540

Monochromacy



Original Color

117.7840, 38.1810, 62.4770

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.5420, 13.9340, 22.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.7840, 38.1810, 62.4770 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(193, 67, 182)` looks like.

```
.text, #text, p{  
    color:rgb(193, 67, 182)  
}
```

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(193, 67, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 67, 182) }
```

Border

The CSS property to change the border of an element to YIQ 117.7840, 38.1810, 62.4770 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(193, 67, 182) }
```


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

```
.border{ border-color:rgb(193, 67, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 67, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 67, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 67, 182);  
box-shadow:4px 4px 4px 4px rgb(193, 67,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 117.7840, 38.1810, 62.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 67, 182) }
```

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

```
.background{ background-color: rgb(193, 67,  
182) }
```

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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