

Converting Colors

YIQ(120.7760, 40.6590, 50.6030)

Have a look what the booklet for
YIQ(120.7760, 40.6590, 50.6030)
contains.

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Color

**YIQ(120.7760, 40.6590,
50.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4DA2
RGB	191, 77, 162
RGB Percent	75%, 30%, 64%
CMY	0.2507, 0.6982, 0.3646
CMYK	0.00, 0.60, 0.15, 0.25
HSL	315°, 47%, 53%
HSV	315°, 60%, 75%
XYZ	30.6809, 18.9977, 36.2436
YIQ	120.7760, 40.6590, 50.6030

Conversions

Conversions Part 2

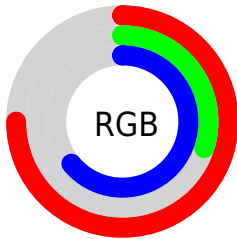
Format	Color
R_{YB}	191, 77, 162
Decimal	12537250
CIE _{Lab}	50.68, 55.56, -23.63
CIE _{LCh}	51, 60.374, 336.954
Yxy	18.9977, 0.3571, 0.2211
Android (android.graphics.Color)	4290727330 (0xFFBF4DA2)
YUV	120.7760, 20.3234, 61.5864
Hunter-Lab	43.5863, 49.3723, -18.7914

Details

The YIQ color **120.7760, 40.6590, 50.6030** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **147.2240, -40.6590, -50.6030**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9720, 43.0430, 51.4510**, and **60.2370, 40.9790, 55.8190** is the 20% darker color. If you saturate the color by 10%, you get **109.0530, 47.4890, 58.9850**, and if you desaturate by 10%, it is **132.4990, 33.8290, 42.2210**.

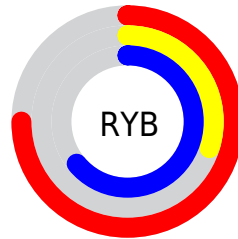
Distribution



Red (75%)

Green (30%)

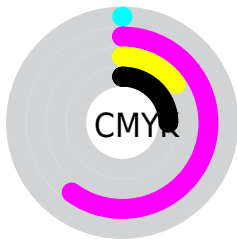
Blue (64%)



Red (75%)

Yellow (30%)

Blue (64%)

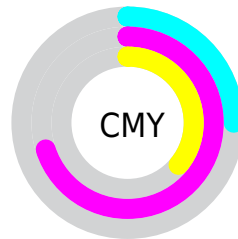


Cyan (0%)

Magenta (60%)

Yellow (15%)

Black (25%)



Cyan (25%)


Magenta (70%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.7760, 40.6590, 50.6030 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 120.7760, 40.6590, 50.6030 by changing the saturation by 10% instead.


 120.7760, 40.6590,
50.6030


 120.7760, 40.6590,
50.6030


255.0000, -0.0000,
-0.0000


 93.0040, 40.0170,
51.2250


 176.9720, 43.0430,
51.4510


 60.5360, 41.5750,
56.0310


 197.6220, 29.2890,
47.4090


 41.7970, 36.1660,
49.4300


 215.6710, 18.4250,
35.0410

 30.9880, 27.7780,
36.2420

 232.1070, 10.7250,
20.3970

 21.3040, 20.5360,
24.3120

 249.7170, 2.4750,
4.7070

 9.4130, 9.4430,
10.5870

 0.0000, 0.0000,

0.0000

■ 120.7760, 40.6590,
50.6030

■ 120.7760, 40.6590,
50.6030

■ 109.0530, 47.4890,
58.9850

■ 132.4990, 33.8290,
42.2210

■ 97.3300, 54.3190,
67.3670

■ 144.2220, 26.9990,
33.8390

■ 85.6070, 61.1490,
75.7490

■ 155.9450, 20.1690,
25.4570

■ 73.9980, 67.6580,
84.4420

■ 167.5540, 13.6600,
16.7640

■ 73.2970, 68.2540,
84.6540

■ 179.2770, 6.8300,
8.3820

■ 191.5870, -0.2750,
-0.5230

■ 203.3100, -7.1050,
-8.9050

■ 215.0330,
-13.9350, -17.2870

■ 226.7560,
-20.7650, -25.6690

Harmonies

Analogous

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



123.5060, -11.6070, 39.6650



120.7760, 40.6590, 50.6030



114.7840, 72.5710, 44.9470

Triad

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



120.7760, 40.6590, 50.6030



111.6800, 46.3140, -35.3980



104.6890, -97.7470, -18.1870

Complementary

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



120.7760, 40.6590, 50.6030



147.2240, -40.6590, -50.6030

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.



99.5760, -81.9720, -34.2600



120.7760, 40.6590, 50.6030



105.9440, 1.2920, -45.4600

Square

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



120.7760, 40.6590, 50.6030



114.5670, 72.3980, -12.5140



92.2460, -64.0880, -50.0080



104.9290, -106.6900, -4.7860

Rectangle

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



120.7760, 40.6590, 50.6030



114.4190, 80.3680, 30.2880



92.2460, -64.0880, -50.0080



103.4520, -92.8860, -23.6860

Sweetspot

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



120.7760, 40.6590, 50.6030



219.9180, 15.6310, 19.5910



98.3680, -19.9060, 41.3900



107.7660, 9.9470, 12.4670



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.



120.7760, 40.6590, 50.6030



137.3840, 63.3950, 79.0990



114.2780, 58.9560, 32.8760



88.4890, 3.1170, 4.0850



60.6940, 56.2900, 70.1940



11.8910, 11.0930, 13.7250

Inverse Universe

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



120.7760, 40.6590, 50.6030



137.3840, 63.3950, 79.0990



153.7220, -58.9560, -32.8760



88.4890, 3.1170, 4.0850



60.6940, 56.2900, 70.1940



11.8910, 11.0930, 13.7250

Previews

White Background



This preview shows how the YIQ color 120.7760, 40.6590, 50.6030 looks on a white background.

Color Contrast Check

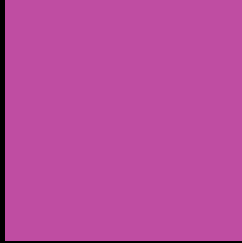
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.7760, 40.6590, 50.6030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

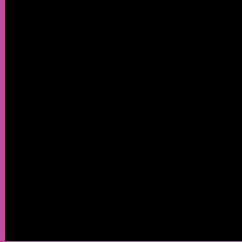
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.7760, 40.6590, 50.6030

Background



This preview shows how black text looks on a background with the YIQ color 120.7760, 40.6590, 50.6030.



This preview shows how white text looks on a background with the YIQ color 120.7760, 40.6590,

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

120.7760, 40.6590, 50.6030

Protanopia

119.5910, -40.4880, 17.9120

Deuteranopia

121.9080, -13.9400, 10.3480



Tritanopia

121.1920, 52.9060, 21.3700

Trichromacy



Original Color

120.7760, 40.6590, 50.6030

Protanomaly

120.1820, -11.0550, 29.6570

Deuteranomaly

121.8170, 5.9100, 25.0620

Tritanomaly

120.8900, 48.3650, 32.0850

Monochromacy



Original Color

120.7760, 40.6590, 50.6030

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7930, 14.4850, 18.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.7760, 40.6590, 50.6030 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(191, 77, 162)` looks like.

```
.text, #text, p{  
    color:rgb(191, 77, 162)  
}
```

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(191, 77, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 77, 162) }
```

Border

The CSS property to change the border of an element to YIQ 120.7760, 40.6590, 50.6030 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(191, 77, 162) }
```


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

```
.border{ border-color:rgb(191, 77, 162) }
```

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

Here you see how a box with a 4 pixel rgb(191, 77, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 77, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 77, 162);  
box-shadow:4px 4px 4px 4px rgb(191, 77,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 120.7760, 40.6590, 50.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 77, 162) }
```

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

```
.background{ background-color: rgb(191, 77,  
162) }
```

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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