

Converting Colors

YIQ(79.0110, -6.5600, 19.7760)

Have a look what the booklet for
YIQ(79.0110, -6.5600, 19.7760)
contains.

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Color

**YIQ(79.0110, -6.5600,
19.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	554478
RGB	85, 68, 120
RGB Percent	33%, 27%, 47%
CMY	0.6666, 0.7334, 0.5295
CMYK	0.29, 0.43, 0.00, 0.53
HSL	260°, 28%, 37%
HSV	260°, 43%, 47%
XYZ	9.2038, 7.4212, 18.7113
YIQ	79.0110, -6.5600, 19.7760

Conversions

Conversions Part 2

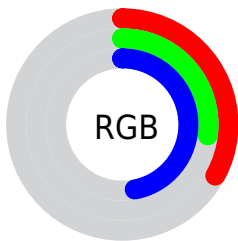
Format	Color
R_{YB}	85, 68, 120
Decimal	5588088
CIE _{Lab}	32.75, 19.49, -27.15
CIE _{LCh}	33, 33.416, 305.673
Yxy	7.4212, 0.2605, 0.2100
Android (android.graphics.Color)	4283778168 (0xFF554478)
YUV	79.0110, 20.2076, 5.2524
Hunter-Lab	27.2419, 12.6339, -21.6543

Details

The YIQ color **79.0110, -6.5600, 19.7760** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **108.9890, 6.5600, -19.7760**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4780, -6.3770, 21.9670**, and **33.2450, -7.3390, 17.3730** is the 20% darker color. If you saturate the color by 10%, you get **69.5750, -8.0280, 24.3560**, and if you desaturate by 10%, it is **88.4470, -5.0920, 15.1960**.

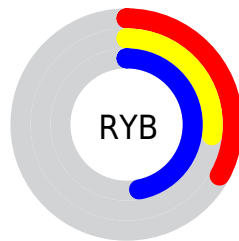
Distribution



Red (33%)

Green (27%)

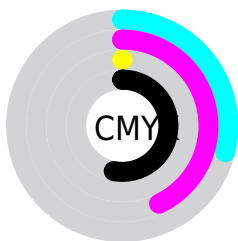
Blue (47%)



Red (33%)

Yellow (27%)

Blue (47%)

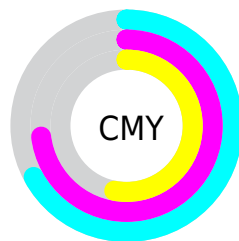


Cyan (29%)

Magenta (43%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.0110, -6.5600, 19.7760 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 79.0110, -6.5600, 19.7760 by changing the saturation by 10% instead.

■ 79.0110, -6.5600,
19.7760

■ 79.0110, -6.5600,
19.7760

■ 255.0000, -0.0000,
-0.0000

■ 56.0710, -6.7890,
18.4190

■ 128.4780, -6.3770,
21.9670

■ 33.2450, -7.3390,
17.3730

■ 154.8910, -6.1020,
22.4900

■ 10.8540, -4.6800,
18.7440

■ 182.0050, -6.4230,
22.8010

■ 3.6650, -8.9420,
7.8740

■ 209.3040, -5.8270,
23.0130

■ 0.0000, 0.0000,
0.0000

■ 234.4110, 3.7570,
14.5170

■ 253.2390, 0.8250,

1.5690

■ 79.0110, -6.5600,
19.7760

■ 79.0110, -6.5600,
19.7760

■ 69.5750, -8.0280,
24.3560

■ 88.4470, -5.0920,
15.1960

■ 60.1390, -9.4960,
28.9360

■ 97.8830, -3.6240,
10.6160

■ 50.7030, -10.9640,
33.5160

■ 107.3190, -2.1560,
6.0360

■ 41.2670, -12.4320,
38.0960

■ 116.7550, -0.6880,
1.4560

■ 31.8310, -13.9000,
42.6760

■ 126.1910, 0.7800,
-3.1240

■ 25.3410, -15.2760,
45.5880

■ 135.6270, 2.2480,
-7.7040

■ 145.3620, 4.3120,
-12.0720

■ 154.7980, 5.7800,
-16.6520

■ 164.2340, 7.2480,
-21.2320

Harmonies

Analogous

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



70.6580, -42.5950, 6.5330



79.0110, -6.5600, 19.7760



79.1190, 19.6190, 24.4110

Triad

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



79.0110, -6.5600, 19.7760



75.6990, 37.2760, -3.7480



62.0640, -50.7510, -21.8790

Complementary

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



79.0110, -6.5600, 19.7760



108.9890, 6.5600, -19.7760

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.



62.5960, -31.9980, -25.8380



79.0110, -6.5600, 19.7760



73.6060, 23.9360, -15.2960

Square

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



79.0110, -6.5600, 19.7760



76.2950, 41.9500, 10.6700



70.5970, 1.7920, -21.4720



64.4410, -58.8220, -13.2700

Rectangle

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



79.0110, -6.5600, 19.7760



77.8230, 32.1360, 23.3360



70.5970, 1.7920, -21.4720



61.0380, -47.8620, -24.6780

Sweetspot

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



79.0110, -6.5600, 19.7760



139.4870, -2.5690, 8.0150



95.0600, -26.5920, -2.6560



68.9770, -1.1930, 5.1030



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



79.0110, -6.5600, 19.7760



92.0080, -10.5050, 30.7030



86.4860, 8.3400, 25.0760



56.2820, -0.7340, 2.2900



26.5090, -15.6890, 47.5670



53.5450, -31.4240, 95.9680

Inverse Universe

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



87.5380, 19.7570, 21.9090



105.3750, 30.9420, 33.9660



101.5140, -8.3400, -25.0760



57.2500, 2.2920, 2.5160



46.9510, 47.5360, 52.6240



94.7280, 95.6220, 106.2940

Previews

White Background



This preview shows how the YIQ color 79.0110, -6.5600, 19.7760 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 ✓ Pass

Black Background



This preview shows how the YIQ color 79.0110, -6.5600, 19.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

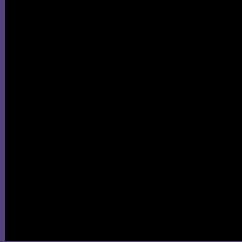
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.0110, -6.5600, 19.7760

Background



This preview shows how black text looks on a background with the YIQ color 79.0110, -6.5600, 19.7760.



This preview shows how white text looks on a background with the YIQ color 79.0110, -6.5600,

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

79.0110, -6.5600, 19.7760

Protanopia

76.1330, -27.6950, 11.8330

Deuteranopia

75.6940, -25.0810, 8.5110



Tritanopia

77.2820, -0.7340, 2.2900

Trichromacy



Original Color

79.0110, -6.5600, 19.7760

Protanomaly

77.0200, -19.9470, 14.5890

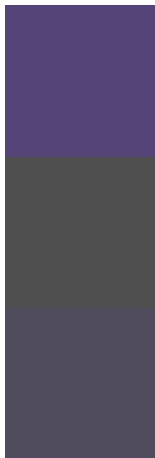
Deuteranomaly

77.0370, -18.6170, 12.5110

Tritanomaly

78.0140, -2.6150, 8.8490

Monochromacy



Original Color

79.0110, -6.5600, 19.7760

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.9600, -2.5230, 7.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.0110, -6.5600, 19.7760 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(85, 68, 120)` looks like.

```
.text, #text, p{  
    color:rgb(85, 68, 120)  
}
```

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(85, 68, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 68, 120) }
```

Border

The CSS property to change the border of an element to YIQ 79.0110, -6.5600, 19.7760 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(85, 68, 120) }
```


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

```
.border{ border-color:rgb(85, 68, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 68, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 68, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 68, 120);  
box-shadow:4px 4px 4px 4px rgb(85, 68,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 79.0110, -6.5600, 19.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 68, 120) }
```

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

```
.background{ background-color: rgb(85, 68,  
120) }
```

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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