

Converting Colors

YIQ(119.7330, -19.6760,
37.2200)

Have a look what the booklet for
YIQ(119.7330, -19.6760, 37.2200)
contains.

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Color

**YIQ(119.7330, -19.6760,
37.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	7C65CD
RGB	124, 101, 205
RGB Percent	49%, 40%, 80%
CMY	0.5136, 0.6040, 0.1962
CMYK	0.39, 0.51, 0.00, 0.20
HSL	253°, 51%, 60%
HSV	253°, 51%, 80%
XYZ	23.9839, 17.9987, 59.9420
YIQ	119.7330, -19.6760, 37.2200

Conversions

Conversions Part 2

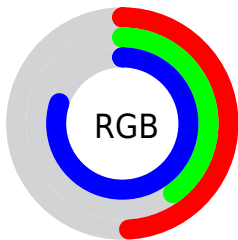
Format	Color
R_{YB}	124, 101, 205
Decimal	8152525
CIE _{Lab}	49.49, 33.65, -50.99
CIE _{LCh}	49, 61.099, 303.424
Yxy	17.9987, 0.2353, 0.1766
Android (android.graphics.Color)	4286342605 (0xFF7C65CD)
YUV	119.7330, 42.0366, 3.7422
Hunter-Lab	42.4249, 26.6672, -54.0732

Details

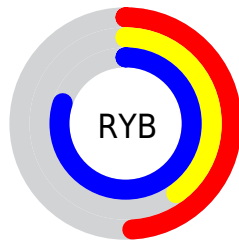
The YIQ color **119.7330, -19.6760, 37.2200** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **186.2670, 19.6760, -37.2200**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1140, -16.3750, 37.9690**, and **68.8420, -21.6010, 33.5590** is the 20% darker color. If you saturate the color by 10%, you get **102.6220, -23.4370, 44.8110**, and if you desaturate by 10%, it is **136.2570, -15.6400, 30.1520**.

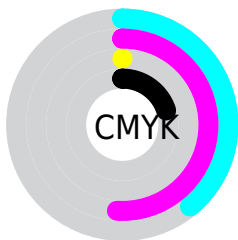
Distribution



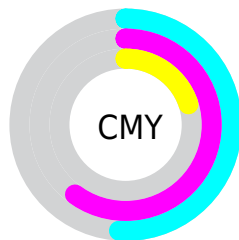
- Red (49%)
- Green (40%)
- Blue (80%)



- Red (49%)
- Yellow (40%)
- Blue (80%)



- Cyan (39%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.7330, -19.6760, 37.2200 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 119.7330, -19.6760, 37.2200 by changing the saturation by 10% instead.

■ 119.7330,
-19.6760, 37.2200

■ 119.7330,
-19.6760, 37.2200

■ 255.0000, -0.0000,
-0.0000

■ 94.0810, -20.7760,
35.1280

■ 172.1140,
-16.3750, 37.9690

■ 68.8420, -21.6010,
33.5590

■ 196.6340, -6.5160,
29.9960

■ 43.9940, -25.0850,
30.6190

■ 221.7410, 3.0680,
21.5000

■ 17.0420, -34.2080,
25.2480

■ 243.2600, 5.5000,
10.4600

■ 8.4360, -23.7540,
23.0140

■ 8.0480, -17.1500,
13.4580

■ 4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 119.7330,
-19.6760, 37.2200

■ 119.7330,
-19.6760, 37.2200

■ 102.6220,
-23.4370, 44.8110

■ 136.2570,
-15.6400, 30.1520

■ 86.0980, -27.4730,
51.8790

■ 153.3680,
-11.8790, 22.5610

■ 69.5740, -31.5090,
58.9470

■ 169.8920, -7.8430,
15.4930

■ 52.4630, -35.2700,
66.5380

■ 187.0030, -4.0820,
7.9020

■ 36.8250, -38.9850,
73.2950

■ 203.5270, -0.0460,
0.8340

■ 220.6380, 3.7150,
-6.7570

■ 237.1620, 7.7510,
-13.8250

■ 248.4030, 14.2620,
-16.1860

■ 249.3000, 16.0500,
-15.5500

Harmonies

Analogous

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



96.9220, -104.8120, 5.2360



119.7330, -19.6760, 37.2200



118.4380, 35.7990, 50.5750

Triad

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



119.7330, -19.6760, 37.2200



111.4580, 74.3230, -8.8530



96.6750, -77.9370, -35.8010

Complementary

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



119.7330, -19.6760, 37.2200



186.2670, 19.6760, -37.2200

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.



88.7580, -59.7780, -51.0260



119.7330, -19.6760, 37.2200



109.3430, 48.8810, -32.3590

Square

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



119.7330, -19.6760, 37.2200



111.7300, 80.6900, 24.4500



103.1960, 9.2700, -46.8740



102.0160, -94.3540, -19.1060

Rectangle

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



119.7330, -19.6760, 37.2200



112.9110, 62.2080, 51.0400



103.1960, 9.2700, -46.8740



94.0360, -71.8840, -40.8760

Sweetspot

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



119.7330, -19.6760, 37.2200



223.7240, -7.4300, 13.5140



160.4030, -55.6590, -10.0190



109.1170, -4.4030, 8.2130



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.



119.7330, -19.6760, 37.2200



127.2490, -29.2160, 55.9360



135.2810, 11.3160, 48.2440



93.7380, -2.0180, 3.5340



29.9870, -31.2340, 59.4700



6.7240, -7.4300, 13.5140

Inverse Universe

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



141.3300, 35.9830, 47.2390



159.5520, 53.8140, 71.0140



170.7190, -11.3160, -48.2440



95.9020, 3.3920, 4.6080



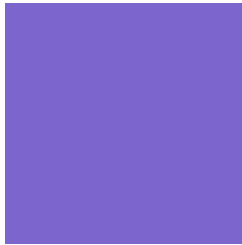
64.3400, 57.5270, 75.3110



14.7820, 13.0180, 17.3860

Previews

White Background



This preview shows how the YIQ color 119.7330, -19.6760, 37.2200 looks on a white background.

Color Contrast Check

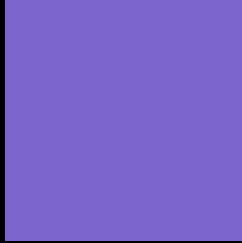
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 119.7330, -19.6760, 37.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

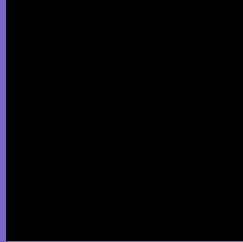
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.7330, -19.6760, 37.2200

Background



This preview shows how black text looks on a background with the YIQ color 119.7330, -19.6760, 37.2200.



This preview shows how white text looks on a background with the YIQ color 119.7330, -19.6760,

37.2200.

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

119.7330, -19.6760, 37.2200

Protanopia

110.9060, -63.1840, 21.7440

Deuteranopia

109.5110, -63.8700, 12.1460



Tritanopia

116.2530, -10.9580, 0.3540

Trichromacy



Original Color

119.7330, -19.6760, 37.2200

Protanomaly

113.9790, -47.0920, 27.4680

Deuteranomaly

112.9910, -47.3660, 21.4180

Tritanomaly

117.4290, -13.8490, 14.2070

Monochromacy



Original Color

119.7330, -19.6760, 37.2200

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.7240, -7.4300, 13.5140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7330, -19.6760, 37.2200 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(124, 101, 205)` looks like.

```
.text, #text, p{  
    color:rgb(124, 101, 205)  
}
```

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(124, 101, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 101, 205) }
```

Border

The CSS property to change the border of an element to YIQ 119.7330, -19.6760, 37.2200 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(124, 101, 205) }
```


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

```
.border{ border-color:rgb(124, 101, 205) }
```

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

Here you see how a box with a 4 pixel rgb(124, 101, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 101, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 101, 205);  
box-shadow:4px 4px 4px 4px rgb(124, 101,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7330, -19.6760, 37.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 101, 205) }
```

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

```
.background{ background-color: rgb(124,  
101, 205) }
```

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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