

Converting Colors

YIQ(119.8360, -30.6320,
26.5200)

Have a look what the booklet for
YIQ(119.8360, -30.6320, 26.5200)
contains.

YIQ(119.8360, -30.6320, 26.5200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(119.8360, -30.6320,
26.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6FC7
RGB	107, 111, 199
RGB Percent	42%, 44%, 78%
CMY	0.5803, 0.5647, 0.2198
CMYK	0.46, 0.44, 0.00, 0.22
HSL	237°, 45%, 60%
HSV	237°, 46%, 78%
XYZ	22.0526, 18.6171, 56.4345
YIQ	119.8360, -30.6320, 26.5200

Conversions

Conversions Part 2

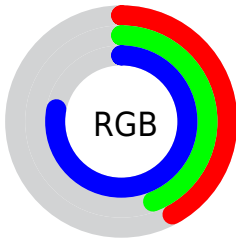
Format	Color
R_{YB}	107, 111, 199
Decimal	7040967
CIE _{Lab}	50.24, 21.74, -46.45
CIE _{LCh}	50, 51.289, 295.078
Yxy	18.6171, 0.2271, 0.1917
Android (android.graphics.Color)	4285231047 (0xFF6B6FC7)
YUV	119.8360, 39.0279, -11.2572
Hunter-Lab	43.1475, 15.7229, -47.3447

Details

The YIQ color **119.8360, -30.6320, 26.5200** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **186.1640, 30.6320, -26.5200**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4880, -29.5320, 28.6120**, and **68.9340, -34.0240, 21.9120** is the 20% darker color. If you saturate the color by 10%, you get **102.7030, -37.3270, 32.2170**, and if you desaturate by 10%, it is **136.9690, -23.9370, 20.8230**.

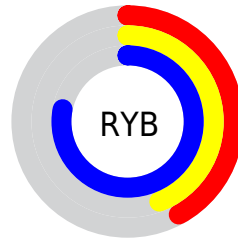
Distribution



Red (42%)

Green (44%)

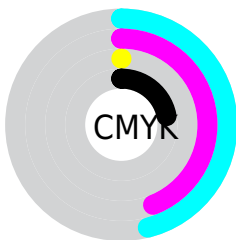
Blue (78%)



Red (42%)

Yellow (44%)

Blue (78%)

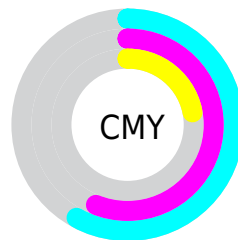


Cyan (46%)

Magenta (44%)

Yellow (0%)

Black (22%)



Cyan (58%)

Magenta (56%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8360, -30.6320, 26.5200 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 119.8360, -30.6320, 26.5200 by changing the saturation by 10% instead.

■ 119.8360,
-30.6320, 26.5200

■ 119.8360,
-30.6320, 26.5200

■ 255.0000, -0.0000,
-0.0000

■ 94.1840, -31.7320,
24.4280

■ 173.4880,
-29.5320, 28.6120

■ 68.9340, -34.0240,
21.9120

■ 197.7090,
-20.2690, 20.4270

■ 42.2920, -41.0840,
17.7000

■ 222.2290,
-10.4100, 12.4540

■ 23.5160, -35.9030,
17.4170

■ 248.2220, -0.5050,
3.6470

■ 7.8660, -22.1490,
21.4590

■ 7.0050, -15.5910,
12.7370

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 119.8360,
-30.6320, 26.5200

■ 119.8360,
-30.6320, 26.5200

■ 102.7030,
-37.3270, 32.2170

■ 136.9690,
-23.9370, 20.8230

■ 85.5700, -44.0220,
37.9140

■ 154.1020,
-17.2420, 15.1260

■ 68.4370, -50.7170,
43.6110

■ 171.2350,
-10.5470, 9.4290

■ 51.3040, -57.4120,
49.3080

■ 188.3680, -3.8520,
3.7320

■ 34.4700, -63.5110,
55.2170

■ 205.2020, 2.2470,
-2.1770

■ 27.9690, -66.3540,
57.1820

■ 222.3350, 8.9420,
-7.8740

■ 239.4680, 15.6370,
-13.5710

■ 248.6160, 17.9760,
-17.4160

Harmonies

Analogous

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



98.1470, -101.3720, -2.0440



119.8360, -30.6320, 26.5200



123.0180, 19.0660, 39.9460

Triad

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



119.8360, -30.6320, 26.5200



116.8180, 64.9220, 1.8340



94.8340, -74.1310, -38.6990

Complementary

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



119.8360, -30.6320, 26.5200



186.1640, 30.6320, -26.5200

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.



101.5230, -30.8950, -40.3270



119.8360, -30.6320, 26.5200



114.3790, 49.2000, -21.6160

Square

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



119.8360, -30.6320, 26.5200



116.7270, 67.5770, 25.3130



110.4780, 17.7040, -34.5200



99.8500, -88.2550, -25.0150

Rectangle

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



119.8360, -30.6320, 26.5200



120.6480, 43.5950, 41.4430



110.4780, 17.7040, -34.5200



92.5370, -69.0410, -42.8410

Sweetspot

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



119.8360, -30.6320, 26.5200



224.2780, -12.1060, 10.1500



170.9220, -53.2270, -21.0590



109.0950, -7.3370, 6.3190



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.



119.8360, -30.6320, 26.5200



134.4820, -46.5900, 40.4020



129.7470, -5.0960, 37.3040



91.0260, -2.8890, 2.7990



22.6910, -54.2480, 47.0320



5.2780, -12.1060, 10.1500

Inverse Universe

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



134.9640, 53.5480, 20.7480



157.5440, 81.5140, 31.5460



176.2530, 5.0960, -37.3040



92.6910, 5.3640, 1.9080



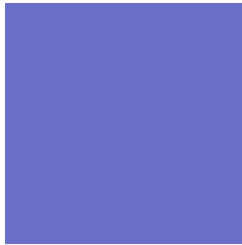
49.5350, 94.9010, 36.7330



10.9920, 20.8140, 8.2540

Previews

White Background



This preview shows how the YIQ color 119.8360, -30.6320, 26.5200 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 119.8360, -30.6320, 26.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

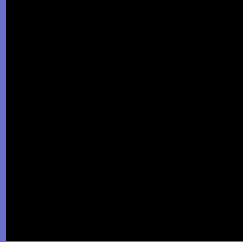
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8360, -30.6320, 26.5200

Background



This preview shows how black text looks on a background with the YIQ color 119.8360, -30.6320, 26.5200.



This preview shows how white text looks on a background with the YIQ color 119.8360, -30.6320,

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

119.8360, -30.6320, 26.5200

Protanopia

115.5670, -49.1080, 19.9480

Deuteranopia

113.5290, -55.1130, 13.1350



Tritanopia

115.3760, -24.6660, -4.5220

Trichromacy



Original Color

119.8360, -30.6320, 26.5200

Protanomaly

116.8560, -42.5520, 22.2800

Deuteranomaly

116.0680, -46.2650, 17.9830

Tritanomaly

117.1560, -26.5020, 6.7300

Monochromacy



Original Color

119.8360, -30.6320, 26.5200

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.0500, -11.4640, 9.5280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8360, -30.6320, 26.5200 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(107, 111, 199)` looks like.

```
.text, #text, p{  
    color:rgb(107, 111, 199)  
}
```

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(107, 111, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 111, 199) }
```

Border

The CSS property to change the border of an element to YIQ 119.8360, -30.6320, 26.5200 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(107, 111, 199) }
```


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

```
.border{ border-color:rgb(107, 111, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 111, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 111, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 111, 199);  
box-shadow:4px 4px 4px 4px rgb(107, 111,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8360, -30.6320, 26.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 111, 199) }
```

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

```
.background{ background-color: rgb(107,  
111, 199) }
```

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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