

Converting Colors

YIQ(120.3740, -29.2110,
28.3010)

Have a look what the booklet for
YIQ(120.3740, -29.2110, 28.3010)
contains.

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Color

**YIQ(120.3740, -29.2110,
28.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6EC9
RGB	110, 110, 201
RGB Percent	43%, 43%, 79%
CMY	0.5686, 0.5686, 0.2119
CMYK	0.45, 0.45, 0.00, 0.21
HSL	240°, 46%, 61%
HSV	240°, 45%, 79%
XYZ	22.5452, 18.6826, 57.6469
YIQ	120.3740, -29.2110, 28.3010

Conversions

Conversions Part 2

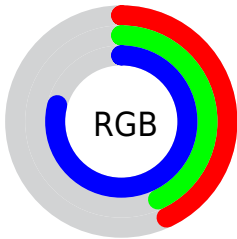
Format	Color
R_{YB}	110, 110, 201
Decimal	7237321
CIE _{Lab}	50.31, 23.67, -47.46
CIE _{LCh}	50, 53.039, 296.511
Yxy	18.6826, 0.2280, 0.1890
Android (android.graphics.Color)	4285427401 (0xFF6E6EC9)
YUV	120.3740, 39.7486, -9.0980
Hunter-Lab	43.2234, 17.4640, -48.8184

Details

The YIQ color $120.3740, -29.2110, 28.3010$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $190.6260, 29.2110, -28.3010$, and the grayscale version is $120.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $173.7980, -27.4690, 29.7710$, and $69.7710, -32.0070, 23.9050$ is the 20% darker color. If you saturate the color by 10%, you get $102.6540, -35.6310, 34.5210$, and if you desaturate by 10%, it is $138.0940, -22.7910, 22.0810$.

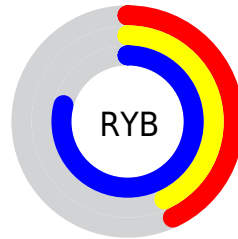
Distribution



Red (43%)

Green (43%)

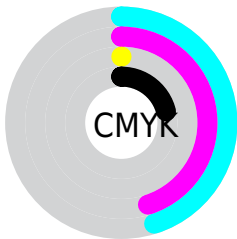
Blue (79%)



Red (43%)

Yellow (43%)

Blue (79%)

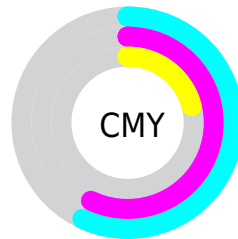


Cyan (45%)

Magenta (45%)

Yellow (0%)

Black (21%)



Cyan (57%)

Magenta (57%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.3740, -29.2110, 28.3010 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 120.3740, -29.2110, 28.3010 by changing the saturation by 10% instead.

■ 120.3740,
-29.2110, 28.3010

■ 120.3740,
-29.2110, 28.3010

■ 255.0000, -0.0000,
-0.0000

■ 94.7220, -30.3110,
26.2090

■ 173.7980,
-27.4690, 29.7710

■ 69.7710, -32.0070,
23.9050

■ 198.0190,
-18.2060, 21.5860

■ 43.4280, -38.4710,
19.9050

■ 222.5390, -8.3470,
13.6130

■ 23.1570, -36.2700,
18.5620

■ 248.5320, 1.5580,
4.8060

■ 8.0940, -22.7910,
22.0810

■ 7.7060, -16.1870,
12.5250

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 120.3740,
-29.2110, 28.3010

■ 120.3740,
-29.2110, 28.3010

■ 102.6540,
-35.6310, 34.5210

■ 138.0940,
-22.7910, 22.0810

■ 84.9340, -42.0510,
40.7410

■ 155.8140,
-16.3710, 15.8610

■ 67.2140, -48.4710,
46.9610

■ 173.5340, -9.9510,
9.6410

■ 49.4940, -54.8910,
53.1810

■ 191.2540, -3.5310,
3.4210

■ 31.7740, -61.3110,
59.4010

■ 208.9740, 2.8890,
-2.7990

■ 22.9140, -64.5210,
62.5110

■ 227.5800, 9.6300,
-9.3300

■ 245.3000, 16.0500,
-15.5500

■ 248.8440, 17.3340,
-16.7940

Harmonies

Analogous

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



98.4890, -102.3350, -1.1110



120.3740, -29.2110, 28.3010



122.7410, 21.4040, 41.6280

Triad

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



120.3740, -29.2110, 28.3010



116.6610, 66.8020, 0.8020



95.6490, -75.0480, -38.6000

Complementary

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



120.3740, -29.2110, 28.3010



190.6260, 29.2110, -28.3010

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.



99.1200, -37.1300, -42.9700



120.3740, -29.2110, 28.3010



113.9830, 50.2550, -24.2170

Square

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



120.3740, -29.2110, 28.3010



116.6950, 70.6030, 25.5390



109.8260, 16.6040, -36.6120



100.8930, -89.8140, -24.2940

Rectangle

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



120.3740, -29.2110, 28.3010



119.6700, 46.5290, 43.3370



109.8260, 16.6040, -36.6120



93.2380, -69.6370, -43.0530

Sweetspot

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



120.3740, -29.2110, 28.3010



223.1040, -11.5560, 11.1960



173.7910, -54.2360, -19.2920



108.5080, -7.0620, 6.8420



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.



120.3740, -29.2110, 28.3010



132.7320, -44.2980, 42.9180



133.8290, -2.3910, 37.8410



91.0260, -2.8890, 2.7990



18.5820, -52.3230, 50.6930



4.1040, -11.5560, 11.1960

Inverse Universe

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



147.5830, 25.0250, 47.5930



173.9940, 37.9500, 72.1740



176.8720, 1.7950, -38.0530



93.7170, 2.4750, 4.7070



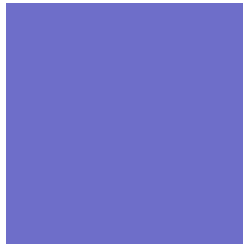
67.3190, 44.8250, 85.2490



14.8680, 9.9000, 18.8280

Previews

White Background



This preview shows how the YIQ color 120.3740, -29.2110, 28.3010 looks on a white background.

Color Contrast Check

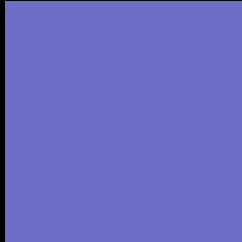
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.3740, -29.2110, 28.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

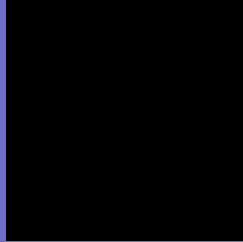
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.3740, -29.2110, 28.3010

Background



This preview shows how black text looks on a background with the YIQ color 120.3740, -29.2110, 28.3010.



This preview shows how white text looks on a background with the YIQ color 120.3740, -29.2110,

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

120.3740, -29.2110, 28.3010

Protanopia

115.8980, -51.5380, 19.9340

Deuteranopia

113.1590, -56.9470, 13.3330



Tritanopia

116.2730, -22.8780, -3.8860

Trichromacy



Original Color

120.3740, -29.2110, 28.3010

Protanomaly

117.1980, -43.5150, 23.2130

Deuteranomaly

115.7090, -46.6320, 19.1280

Tritanomaly

118.1670, -25.0350, 7.6770

Monochromacy



Original Color

120.3740, -29.2110, 28.3010

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.7620, -10.5930, 10.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.3740, -29.2110, 28.3010 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(110, 110, 201)` looks like.

```
.text, #text, p{  
    color:rgb(110, 110, 201)  
}
```

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(110, 110, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 110, 201) }
```

Border

The CSS property to change the border of an element to YIQ 120.3740, -29.2110, 28.3010 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(110, 110, 201) }
```


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

```
.border{ border-color:rgb(110, 110, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 110, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 110, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 110, 201);  
box-shadow:4px 4px 4px 4px rgb(110, 110,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 120.3740, -29.2110, 28.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 110, 201) }
```

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

```
.background{ background-color: rgb(110,  
110, 201) }
```

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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