

Converting Colors

YIQ(42.3110, -7.7050, 12.9910)

Have a look what the booklet for
YIQ(42.3110, -7.7050, 12.9910)
contains.

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Color

**YIQ(42.3110, -7.7050,
12.9910)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2B2449 |
| RGB | 43, 36, 73 |
| RGB Percent | 17%, 14%, 29% |
| CMY | 0.8313, 0.8588, 0.7138 |
| CMYK | 0.41, 0.51, 0.00, 0.71 |
| HSL | 251°, 34%, 21% |
| HSV | 251°, 51%, 29% |
| XYZ | 2.8296, 2.2562, 6.5871 |
| YIQ | 42.3110, -7.7050, 12.9910 |

Conversions

Conversions Part 2

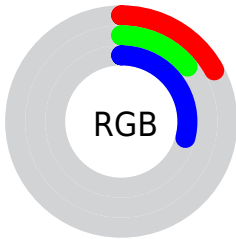
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 43, 36, 73 |
| Decimal | 2827337 |
| CIE _{Lab} | 16.78, 13.68, -22.00 |
| CIE _{LCh} | 17, 25.904, 301.873 |
| Yxy | 2.2562, 0.2424, 0.1933 |
| Android (android.graphics.Color) | 4281017417 (0xFF2B2449) |
| YUV | 42.3110, 15.1297, 0.6043 |
| Hunter-Lab | 15.0208, 7.3391, -15.4860 |

Details

The YIQ color **42.3110, -7.7050, 12.9910** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **66.6890, 7.7050, -12.9910**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.3650, -7.7970, 14.6590**, and **4.4800, -9.8590, 7.9730** is the 20% darker color. If you saturate the color by 10%, you get **36.4080, -9.3560, 15.3800**, and if you desaturate by 10%, it is **48.2140, -6.0540, 10.6020**.

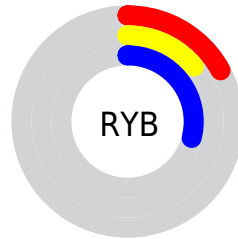
Distribution



Red (17%)

Green (14%)

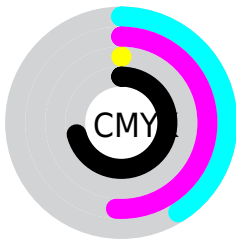
Blue (29%)



Red (17%)

Yellow (14%)

Blue (29%)

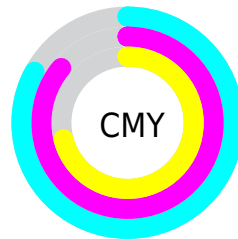


Cyan (41%)

Magenta (51%)

Yellow (0%)

Black (71%)



Cyan (83%)

Magenta (86%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.3110, -7.7050, 12.9910 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 42.3110, -7.7050, 12.9910 by changing the saturation by 10% instead.

■ 42.3110, -7.7050,
12.9910

■ 42.3110, -7.7050,
12.9910

■ 255.0000, -0.0000,
-0.0000

■ 21.3710, -7.9340,
11.6340

■ 88.3650, -7.7970,
14.6590

■ 4.4800, -9.8590,
7.9730

■ 112.8920, -7.8430,
15.4930

■ 0.0000, 0.0000,
0.0000

■ 138.3050, -7.5680,
16.0160

■ 164.8320, -7.6140,
16.8500

■ 191.9460, -7.9350,
17.1610

■ 219.0170, -6.6970,

16.7510

244.7110, 2.6120,
7.7320

42.3110, -7.7050,
12.9910

42.3110, -7.7050,
12.9910

36.4080, -9.3560,
15.3800

48.2140, -6.0540,
10.6020

29.9180, -10.7320,
18.2920

54.7040, -4.6780,
7.6900

24.0150, -12.3830,
20.6810

60.6070, -3.0270,
5.3010

18.1120, -14.0340,
23.0700

66.5100, -1.3760,
2.9120

12.5080, -15.0890,
25.6710

72.4130, 0.2750,
0.5230

■ 78.6040, 1.0550,
-2.6010

■ 84.5070, 2.7060,
-4.9900

■ 90.4100, 4.3570,
-7.3790

■ 96.9000, 5.7330,
-10.2910

Harmonies

Analogous

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



34.1330, -36.8630, 1.7690



42.3110, -7.7050, 12.9910



42.5970, 12.1010, 17.4850

Triad

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



42.3110, -7.7050, 12.9910



39.9630, 27.7850, -2.4470



34.1380, -27.2320, -13.0880

Complementary

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



42.3110, -7.7050, 12.9910



66.6890, 7.7050, -12.9910

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.



31.6840, -20.2620, -18.2620



42.3110, -7.7050, 12.9910



39.3160, 19.1210, -10.6310

Square

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



42.3110, -7.7050, 12.9910



40.2980, 28.7000, 8.5080



37.1400, 4.8170, -15.7190



36.1900, -33.0100, -7.4900

Rectangle

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



42.3110, -7.7050, 12.9910



40.9740, 21.2250, 17.3290



37.1400, 4.8170, -15.7190



33.4540, -25.3060, -14.9540

Sweetspot

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



42.3110, -7.7050, 12.9910



82.4930, -2.7060, 4.9900



57.8280, -20.1270, -4.1830



41.2110, -1.9720, 2.7000



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



42.3110, -7.7050, 12.9910



46.7870, -11.7410, 20.0590



47.6930, 3.0230, 16.8070



32.7550, -0.6880, 1.4560



16.9670, -20.4550, 34.8170



38.7350, -47.2390, 79.7130

Inverse Universe

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



50.4830, 12.4220, 17.1740



59.2870, 19.2060, 26.3900



61.3070, -3.0230, -16.8070



33.5380, 1.4210, 1.7810



38.8350, 33.0030, 46.1790



88.8490, 76.2280, 105.3480

Previews

White Background



This preview shows how the YIQ color 42.3110, -7.7050, 12.9910 looks on a white background.

Color Contrast Check

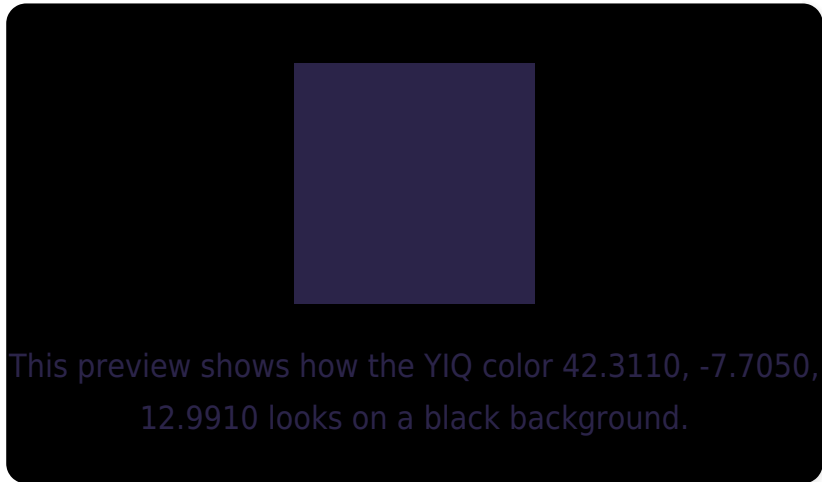
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 42.3110, -7.7050, 12.9910

Background



This preview shows how black text looks on a background with the YIQ color 42.3110, -7.7050, 12.9910.



This preview shows how white text looks on a background with the YIQ color 42.3110, -7.7050,

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

42.3110, -7.7050, 12.9910

Protanopia

38.8360, -22.6050, 7.6910

Deuteranopia

38.5430, -23.3380, 4.4540



Tritanopia

41.2490, -5.1350, -0.5510

Trichromacy



Original Color

42.3110, -7.7050, 12.9910

Protanomaly

40.5270, -17.2410, 9.5990

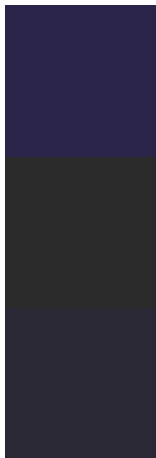
Deuteranomaly

40.0600, -17.4240, 7.4080

Tritanomaly

41.5250, -5.7320, 4.7640

Monochromacy



Original Color

42.3110, -7.7050, 12.9910

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.0800, -2.9810, 4.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.3110, -7.7050, 12.9910 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(43, 36, 73)` looks like.

```
.text, #text, p{  
    color:rgb(43, 36, 73)  
}
```

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(43, 36, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 36, 73) }
```

Border

The CSS property to change the border of an element to YIQ 42.3110, -7.7050, 12.9910 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(43, 36, 73) }
```


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

```
.border{ border-color:rgb(43, 36, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 36, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 36, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 36, 73);  
box-shadow:4px 4px 4px 4px rgb(43, 36, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.3110, -7.7050, 12.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 36, 73) }
```

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

```
.background{ background-color: rgb(43, 36,  
73) }
```

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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