

Converting Colors

YIQ(51.4280, 5.0870, 12.4390)

Have a look what the booklet for
YIQ(51.4280, 5.0870, 12.4390)
contains.

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Color

**YIQ(51.4280, 5.0870,
12.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	402A43
RGB	64, 42, 67
RGB Percent	25%, 16%, 26%
CMY	0.7489, 0.8353, 0.7373
CMYK	0.04, 0.37, 0.00, 0.74
HSL	293°, 23%, 21%
HSV	293°, 37%, 26%
XYZ	3.9562, 3.1511, 5.7099
YIQ	51.4280, 5.0870, 12.4390

Conversions

Conversions Part 2

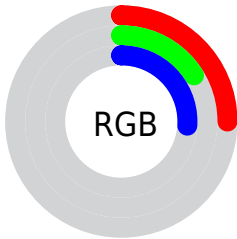
Format	Color
RYB	64, 42, 67
Decimal	4205123
CIELab	20.64, 15.35, -11.69
CIElCh	21, 19.297, 322.716
Yxy	3.1511, 0.3087, 0.2458
Android (android.graphics.Color)	4282395203 (0xFF402A43)
YUV	51.4280, 7.6770, 11.0256
Hunter-Lab	17.7513, 8.7175, -6.6454

Details

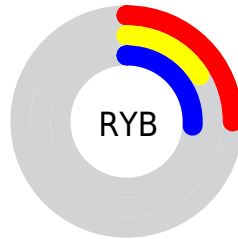
The YIQ color **51.4280, 5.0870, 12.4390** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **57.5720, -5.0870, -12.4390**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **98.2540, 5.6370, 13.4850**, and **9.7270, 5.6830, 12.6510** is the 20% darker color. If you saturate the color by 10%, you get **47.0200, 6.4160, 15.8880**, and if you desaturate by 10%, it is **55.8360, 3.7580, 8.9900**.

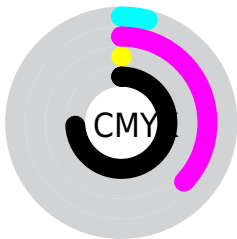
Distribution



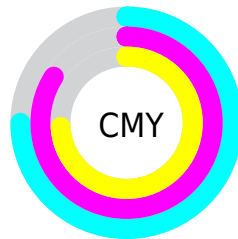
- Red (25%)
- Green (16%)
- Blue (26%)



- Red (25%)
- Yellow (16%)
- Blue (26%)



- Cyan (4%)
- Magenta (37%)
- Yellow (0%)
- Black (74%)



- Cyan (75%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.4280, 5.0870, 12.4390 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 51.4280, 5.0870, 12.4390 by changing the saturation by 10% instead.

■ 51.4280, 5.0870,
12.4390

■ 51.4280, 5.0870,
12.4390

255.0000, -0.0000,
-0.0000

■ 30.0150, 4.8120,
11.9160

■ 98.2540, 5.6370,
13.4850

■ 9.7270, 5.6830,
12.6510

■ 123.0800, 6.1870,
14.5310

■ 0.0000, 0.0000,
0.0000

■ 149.0800, 6.1870,
14.5310

■ 175.7920, 7.0580,
15.2660

■ 202.9060, 6.7370,
15.5770

■ 231.3190, 7.0120,

16.1000

250.8910, 1.9250,
3.6610

51.4280, 5.0870,
12.4390

51.4280, 5.0870,
12.4390

47.0200, 6.4160,
15.8880

55.8360, 3.7580,
8.9900

43.1990, 7.4700,
18.8140

59.6570, 2.7040,
6.0640

39.0900, 9.3950,
22.4750

63.7660, 0.7790,
2.4030

34.6820, 10.7240,
25.9240

68.1740, -0.5500,
-1.0460

30.2740, 12.0530,
29.3730

71.9950, -1.6040,
-3.9720

■ 26.4530, 13.1070,
32.2990

■ 76.4030, -2.9330,
-7.4210

■ 25.2790, 13.6570,
33.3450

■ 80.8110, -4.2620,
-10.8700

■ 84.9200, -6.1870,
-14.5310

■ 88.7410, -7.2410,
-17.4570

Harmonies

Analogous

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



50.0070, -9.9050, 8.8070



51.4280, 5.0870, 12.4390



50.5880, 16.3200, 12.6080

Triad

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



51.4280, 5.0870, 12.4390



48.8090, 16.4150, -5.6410



40.2990, -34.9350, -11.1510

Complementary

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



51.4280, 5.0870, 12.4390



57.5720, -5.0870, -12.4390

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.



40.7960, -26.2690, -14.0210



51.4280, 5.0870, 12.4390



47.4980, 6.9250, -9.8670

Square

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



51.4280, 5.0870, 12.4390



49.9610, 22.0990, 1.4830



45.2020, -6.9210, -12.2410



40.4930, -38.2370, -6.3730

Rectangle

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



51.4280, 5.0870, 12.4390



50.3450, 21.3180, 10.1340



45.2020, -6.9210, -12.2410



39.7290, -33.3300, -12.7060

Sweetspot

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



51.4280, 5.0870, 12.4390



80.8310, 2.1540, 5.0180



46.6110, -8.8500, 6.2060



40.0650, 1.3750, 2.6150



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



51.4280, 5.0870, 12.4390



62.6120, 7.7450, 19.3370



51.2990, 9.7640, 10.2760



31.2390, 0.8250, 1.5690



36.4730, 19.5230, 48.1870



84.7380, 46.1040, 111.6400

Inverse Universe

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



49.8170, 13.9370, 6.2330



60.1170, 21.9600, 9.5120



57.7010, -9.7640, -10.2760



30.8970, 1.7880, 0.6360



30.3710, 53.9600, 24.2960



70.0540, 124.8370, 55.8850

Previews

White Background



This preview shows how the YIQ color 51.4280, 5.0870, 12.4390 looks on a white background.

Color Contrast Check

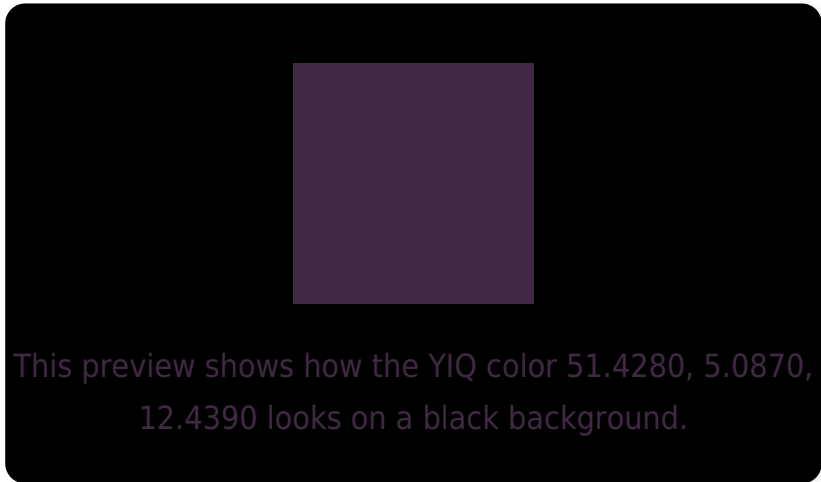
Large Text (above 18pt) WCAG AA ✓ Pass

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

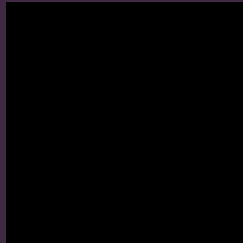
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.4280, 5.0870, 12.4390

Background



This preview shows how black text looks on a background with the YIQ color 51.4280, 5.0870, 12.4390.



This preview shows how white text looks on a background with the YIQ color 51.4280, 5.0870,

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

51.4280, 5.0870, 12.4390

Protanopia

49.6430, -11.8760, 5.9800

Deuteranopia

50.0410, -7.2450, 4.6510



Tritanopia

51.1260, 8.5730, 4.3250

Trichromacy



Original Color

51.4280, 5.0870, 12.4390

Protanomaly

50.0460, -5.6410, 8.6230

Deuteranomaly

50.3730, -2.2480, 7.7040

Tritanomaly

51.6360, 7.1970, 7.2370

Monochromacy



Original Color

51.4280, 5.0870, 12.4390

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

51.4180, 1.8790, 4.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.4280, 5.0870, 12.4390 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(64, 42, 67)` looks like.

```
.text, #text, p{  
    color:rgb(64, 42, 67)  
}
```

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(64, 42, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 42, 67) }
```

Border

The CSS property to change the border of an element to YIQ 51.4280, 5.0870, 12.4390 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(64, 42, 67) }
```


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

```
.border{ border-color:rgb(64, 42, 67) }
```

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

Here you see how a box with a 4 pixel rgb(64, 42, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 42, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 42, 67);  
box-shadow:4px 4px 4px 4px rgb(64, 42, 67)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.4280, 5.0870, 12.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 42, 67) }
```

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

```
.background{ background-color: rgb(64, 42,  
67) }
```

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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