

Converting Colors

YIQ(42.7200, 24.7560, 13.9080)

Have a look what the booklet for
YIQ(42.7200, 24.7560, 13.9080)
contains.

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Color

**YIQ(42.7200, 24.7560,
13.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1B27
RGB	75, 27, 39
RGB Percent	29%, 11%, 15%
CMY	0.7058, 0.8942, 0.8470
CMYK	0.00, 0.64, 0.48, 0.71
HSL	345°, 47%, 20%
HSV	345°, 64%, 29%
XYZ	3.6621, 2.4267, 2.1968
YIQ	42.7200, 24.7560, 13.9080

Conversions

Conversions Part 2

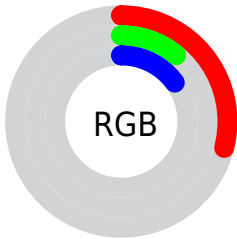
Format	Color
RYB	75, 27, 39
Decimal	4922151
CIELab	17.58, 24.12, 3.46
CIELCh	18, 24.365, 8.154
Yxy	2.4267, 0.4420, 0.2929
Android (android.graphics.Color)	4283112231 (0xFF4B1B27)
YUV	42.7200, -1.8340, 28.3096
Hunter-Lab	15.5778, 14.7018, 2.5433

Details

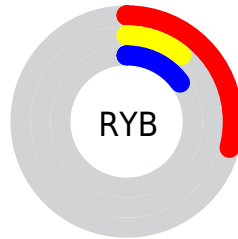
The YIQ color **42.7200, 24.7560, 13.9080** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **59.2800, -24.7560, -13.9080**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.1010, 28.0570, 14.6570**, and **8.1870, 15.7710, 6.0350** is the 20% darker color. If you saturate the color by 10%, you get **37.3400, 28.8820, 16.2260**, and if you desaturate by 10%, it is **47.5130, 20.9050, 12.1130**.

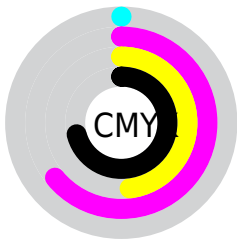
Distribution



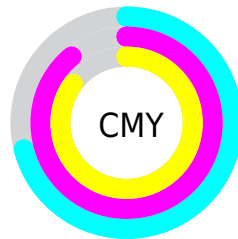
- Red (29%)
- Green (11%)
- Blue (15%)



- Red (29%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (64%)
- Yellow (48%)
- Black (71%)



- Cyan (71%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.7200, 24.7560, 13.9080 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 42.7200, 24.7560, 13.9080 by changing the saturation by 10% instead.

■ 42.7200, 24.7560,
13.9080

■ 42.7200, 24.7560,
13.9080

■ 255.0000, -0.0000,
-0.0000

■ 20.2360, 23.2430,
13.7950

■ 90.1010, 28.0570,
14.6570

■ 8.1870, 15.7710,
6.0350

■ 114.9980, 29.8450,
15.2930

■ 0.0000, 0.0000,
0.0000

■ 141.4820, 31.3580,
15.4060

■ 168.0800, 32.5500,
15.8300

■ 195.3790, 33.1460,
16.0420

■ 219.8020, 27.4610,

14.4450

239.4300, 10.7730,
8.5090

42.7200, 24.7560,
13.9080

42.7200, 24.7560,
13.9080

37.3400, 28.8820,
16.2260

47.5130, 20.9050,
12.1130

32.6610, 32.4120,
18.3320

52.7790, 17.1000,
9.4840

27.2810, 36.5380,
20.6500

57.5720, 13.2490,
7.6890

24.5910, 38.6010,
21.8090

62.9520, 9.1230,
5.3710

67.6310, 5.5930,
3.2650

■ 73.0110, 1.4670,
0.9470

■ 78.2770, -2.3380,
-1.6820

■ 83.0700, -6.1890,
-3.4770

■ 88.4500, -10.3150,
-5.7950

Harmonies

Analogous

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



44.4400, 13.9810, 16.4530



42.7200, 24.7560, 13.9080



42.5320, 27.9210, 6.1050

Triad

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



42.7200, 24.7560, 13.9080



38.4430, -0.4100, -14.6020



36.7260, -37.2750, -1.7790

Complementary

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



42.7200, 24.7560, 13.9080



59.2800, -24.7560, -13.9080

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.



37.2330, -34.5690, -6.7690



42.7200, 24.7560, 13.9080



33.2430, -23.3340, -17.6540

Square

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



42.7200, 24.7560, 13.9080



40.5220, 15.5450, -11.9030



35.9960, -29.7080, -12.2680



39.2160, -26.7310, 5.3730

Rectangle

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



42.7200, 24.7560, 13.9080



41.9460, 26.4550, -0.3690



35.9960, -29.7080, -12.2680



37.6720, -37.1830, -3.4470

Sweetspot

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



42.7200, 24.7560, 13.9080



84.2510, 9.7190, 5.5830



42.9370, 5.4520, 22.3480



40.6310, 5.5930, 3.2650



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.



42.7200, 24.7560, 13.9080



46.5910, 38.6010, 21.8090



47.8090, 25.5830, 4.4230



35.3100, 2.0630, 1.1590



33.4620, 52.4460, 29.7100



75.3820, 118.4620, 66.7980

Inverse Universe

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



42.7200, 24.7560, 13.9080



46.5910, 38.6010, 21.8090



54.1910, -25.5830, -4.4230



35.3100, 2.0630, 1.1590



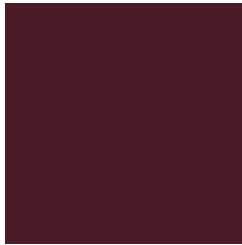
33.4620, 52.4460, 29.7100



75.3820, 118.4620, 66.7980

Previews

White Background



This preview shows how the YIQ color 42.7200, 24.7560, 13.9080 looks on a white background.

Color Contrast Check

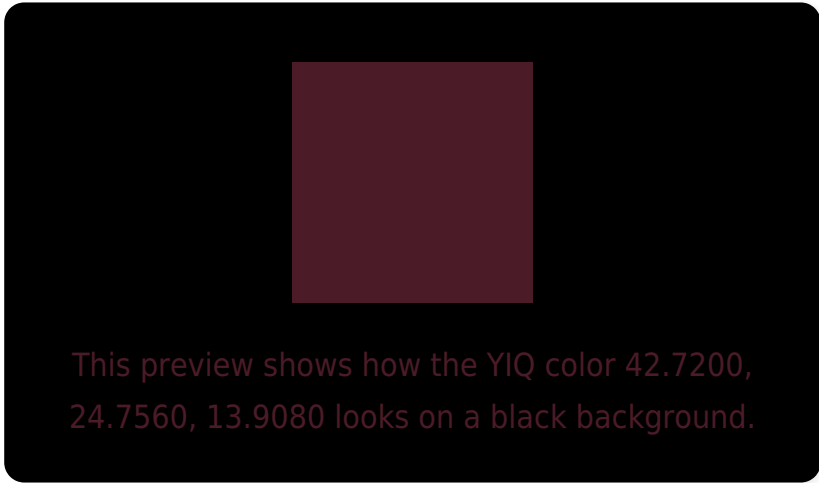
Large Text (above 18pt) WCAG AA ✓ Pass

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

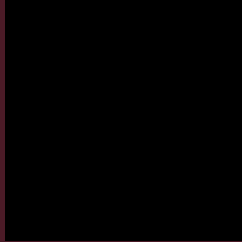
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.7200, 24.7560, 13.9080

Background



This preview shows how black text looks on a background with the YIQ color 42.7200, 24.7560, 13.9080.



This preview shows how white text looks on a background with the YIQ color 42.7200, 24.7560,

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

42.7200, 24.7560, 13.9080

Protanopia

44.4560, -1.2840, 1.2440

Deuteranopia

44.7080, 6.6940, -0.1700



Tritanopia

42.5690, 26.4990, 9.8510

Trichromacy



Original Color

42.7200, 24.7560, 13.9080

Protanomaly

43.8810, 7.8850, 5.7810

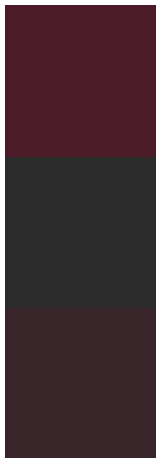
Deuteranomaly

43.9910, 13.3870, 5.1870

Tritanomaly

42.3240, 25.8110, 11.3070

Monochromacy



Original Color

42.7200, 24.7560, 13.9080

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.9520, 9.1230, 5.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.7200, 24.7560, 13.9080 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(75, 27, 39)` looks like.

```
.text, #text, p{  
    color:rgb(75, 27, 39)  
}
```

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(75, 27, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 27, 39) }
```

Border

The CSS property to change the border of an element to YIQ 42.7200, 24.7560, 13.9080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

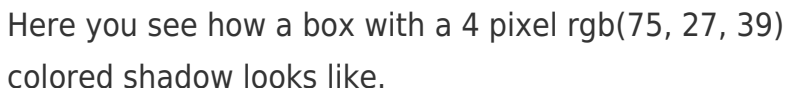
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(75, 27, 39) }
```


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

```
.border{ border-color:rgb(75, 27, 39) }
```

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



Here you see how a box with a 4 pixel `rgb(75, 27, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 27, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 27, 39);  
box-shadow:4px 4px 4px 4px rgb(75, 27, 39)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.7200, 24.7560, 13.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 27, 39) }
```

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

```
.background{ background-color: rgb(75, 27,  
39) }
```

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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