

Converting Colors

YIQ(23.3370, 42.1320, 18.3880)

Have a look what the booklet for
YIQ(23.3370, 42.1320, 18.3880)
contains.

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Color

**YIQ(23.3370, 42.1320,
18.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0008
RGB	75, 0, 8
RGB Percent	29%, 0%, 3%
CMY	0.7057, 1.0000, 0.9685
CMYK	0.00, 1.00, 0.89, 0.71
HSL	354°, 100%, 15%
HSV	354°, 100%, 29%
XYZ	2.9494, 1.5154, 0.3680
YIQ	23.3370, 42.1320, 18.3880

Conversions

Conversions Part 2

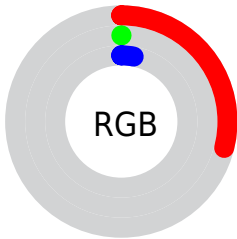
Format	Color
R_YB	75, 0, 8
Decimal	4915208
CIE Lab	12.71, 33.39, 16.64
CIE LCh	13, 37.308, 26.493
Yxy	1.5154, 0.6103, 0.3136
Android (android.graphics.Color)	4283105288 (0xFF4B0008)
YUV	23.3370, -7.5611, 45.3085
Hunter-Lab	12.3100, 21.2244, 6.8448

Details

The YIQ color **23.3370, 42.1320, 18.3880** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **51.6630, -42.1320, -18.3880**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **75.0230, 45.8920, 16.3240**, and **1.4950, 2.9800, 1.0600** is the 20% darker color. If you saturate the color by 10%, you get **23.3370, 42.1320, 18.3880**, and if you desaturate by 10%, it is **28.8310, 37.6850, 16.3810**.

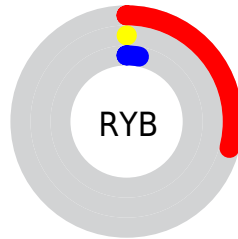
Distribution



Red (29%)

Green (0%)

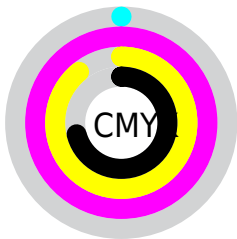
Blue (3%)



Red (29%)

Yellow (0%)

Blue (3%)

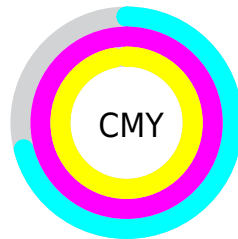


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (71%)



Cyan (71%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.3370, 42.1320, 18.3880 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 23.3370, 42.1320, 18.3880 by changing the saturation by 10% instead.

■ 23.3370, 42.1320,
18.3880

■ 23.3370, 42.1320,
18.3880

■ 242.3990, 12.0580,
1.7380

■ 14.9500, 29.8000,
10.6000

■ 75.0230, 45.8920,
16.3240

■ 1.4950, 2.9800,
1.0600

■ 100.6920, 48.3220,
16.3380

■ 0.0000, 0.0000,
0.0000


■ 126.7740, 51.0270,
16.8750


■ 153.5570, 53.1360,
17.2000


■ 180.7530, 55.5200,
18.0480


■ 202.5560, 45.7090,


14.1330


 222.1840, 29.0210,
8.1970


 23.3370, 42.1320,
18.3880

 28.8310, 37.6850,
16.3810

 33.6240, 33.8340,
14.5860

 39.1180, 29.3870,
12.5790

 44.0250, 25.2150,
11.0950

 49.5190, 20.7680,
9.0880

■ 54.3120, 16.9170,
7.2930

■ 59.8060, 12.4700,
5.2860

■ 64.7130, 8.2980,
3.8020

■ 70.0930, 4.1720,
1.4840

Harmonies

Analogous

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



26.6430, 32.8230, 27.4070



23.3370, 42.1320, 18.3880



29.7020, 33.1940, 4.1540

Triad

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



23.3370, 42.1320, 18.3880



24.6540, -11.5500, -21.9660



31.4090, -37.4600, 7.0840

Complementary

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



23.3370, 42.1320, 18.3880



51.6630, -42.1320, -18.3880

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.



33.3180, -35.9460, 1.6700



23.3370, 42.1320, 18.3880



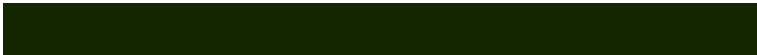
29.1340, -21.4090, -13.9930

Square

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



23.3370, 42.1320, 18.3880



28.2860, 1.4700, -15.6340



32.0980, -29.7550, -5.9070



30.3510, -22.3770, 14.5750

Rectangle

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



23.3370, 42.1320, 18.3880



31.9840, 23.2920, -3.6200



32.0980, -29.7550, -5.9070



33.0560, -37.9640, 5.2040

Sweetspot

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



23.3370, 42.1320, 18.3880



77.0130, 16.3210, 7.0810



28.2840, 15.2610, 37.3170



36.3110, 9.4900, 4.2260



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.



23.3370, 42.1320, 18.3880



30.1430, 54.6020, 23.6740



39.4480, 36.7250, 0.7330



35.3100, 2.0630, 1.1590



31.7520, 57.2610, 25.0450



71.6200, 129.0550, 56.5350

Inverse Universe

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



23.3370, 42.1320, 18.3880



30.1430, 54.6020, 23.6740



35.5520, -36.7250, -0.7330



35.3100, 2.0630, 1.1590



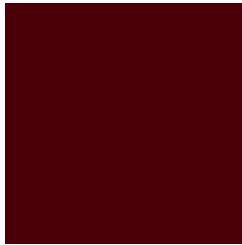
31.7520, 57.2610, 25.0450



71.6200, 129.0550, 56.5350

Previews

White Background



This preview shows how the YIQ color 23.3370, 42.1320, 18.3880 looks on a white background.

Color Contrast Check

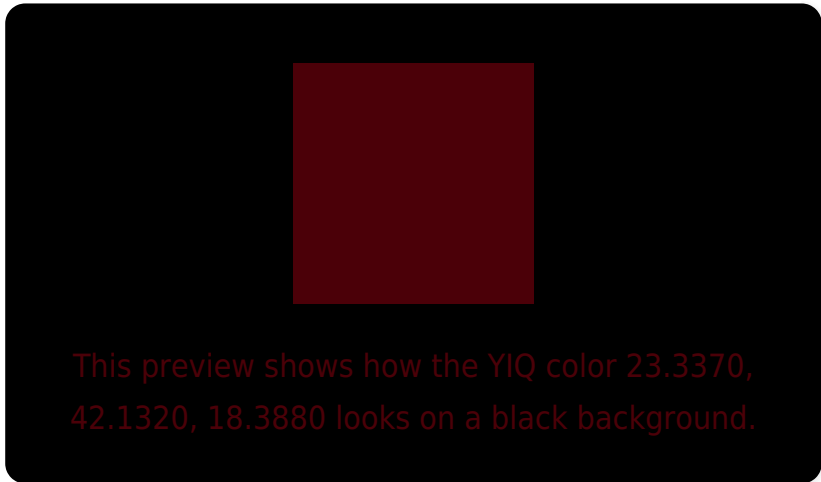
Large Text (above 18pt) WCAG AA ✓ Pass

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

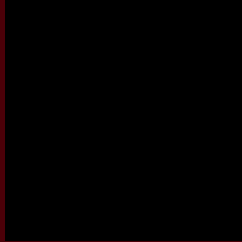
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 23.3370, 42.1320, 18.3880

Background



This preview shows how black text looks on a background with the YIQ color 23.3370, 42.1320, 18.3880.



This preview shows how white text looks on a background with the YIQ color 23.3370, 42.1320,

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

23.3370, 42.1320, 18.3880

Protanopia

36.5740, 9.7670, -6.3050

Deuteranopia

35.4840, 18.7080, -8.6520



Tritanopia

26.5340, 42.7750, 12.2390

Trichromacy



Original Color

23.3370, 42.1320, 18.3880

Protanomaly

31.6020, 21.7320, 2.6280

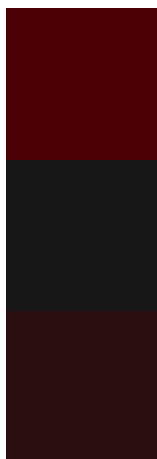
Deuteranomaly

31.1850, 27.2800, 1.2000

Tritanomaly

25.1150, 42.6370, 14.7410

Monochromacy



Original Color

23.3370, 42.1320, 18.3880

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

23.4150, 15.1290, 6.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.3370, 42.1320, 18.3880 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, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 8)  
}
```

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, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 8) }
```

Border

The CSS property to change the border of an element to YIQ 23.3370, 42.1320, 18.3880 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, 0, 8) }
```


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

```
.border{ border-color:rgb(75, 0, 8) }
```

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

Here you see how a box with a 4 pixel rgb(75, 0, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 0, 8); box-shadow:4px  
4px 4px 4px rgb(75, 0, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 23.3370, 42.1320, 18.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 8) }
```

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

```
.background{ background-color: rgb(75, 0,  
8) }
```

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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