

Converting Colors

YIQ(45.3370, 42.1320, 18.3880)

Have a look what the booklet for
YIQ(45.3370, 42.1320, 18.3880)
contains.

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Color

**YIQ(45.3370, 42.1320,
18.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	61161E
RGB	97, 22, 30
RGB Percent	38%, 9%, 12%
CMY	0.6194, 0.9138, 0.8822
CMYK	0.00, 0.77, 0.69, 0.62
HSL	354°, 63%, 23%
HSV	354°, 77%, 38%
XYZ	5.4559, 3.2105, 1.5632
YIQ	45.3370, 42.1320, 18.3880

Conversions

Conversions Part 2

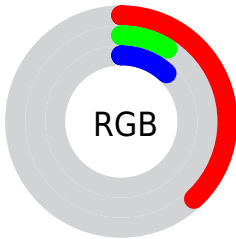
Format	Color
R_{YB}	97, 22, 30
Decimal	6362654
CIE Lab	20.87, 33.96, 14.96
CIE LCh	21, 37.111, 23.768
Yxy	3.2105, 0.5333, 0.3138
Android (android.graphics.Color)	4284552734 (0xFF61161E)
YUV	45.3370, -7.5611, 45.3085
Hunter-Lab	17.9179, 22.9961, 7.3700

Details

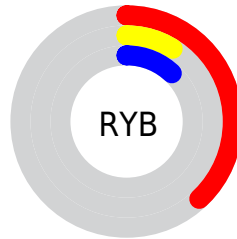
The YIQ color **45.3370, 42.1320, 18.3880** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.6630, -42.1320, -18.3880**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **96.1480, 47.0380, 17.5820**, and **14.1670, 27.6910, 10.2750** is the 20% darker color. If you saturate the color by 10%, you get **38.4410, 47.7710, 20.8190**, and if you desaturate by 10%, it is **52.2330, 36.4930, 15.9570**.

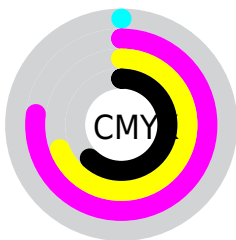
Distribution



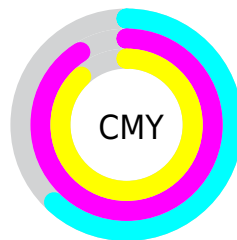
- Red (38%)
- Green (9%)
- Blue (12%)



- Red (38%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (77%)
- Yellow (69%)
- Black (62%)



- Cyan (62%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.3370, 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 45.3370, 42.1320, 18.3880 by changing the saturation by 10% instead.

■ 45.3370, 42.1320,
18.3880

■ 45.3370, 42.1320,
18.3880

255.0000, -0.0000,
-0.0000

■ 21.9130, 40.3900,
16.9180

■ 96.1480, 47.0380,
17.5820

■ 14.1670, 27.6910,
10.2750

■ 122.1160, 50.0640,
17.8080

■ 0.0000, 0.0000,
0.0000


■ 148.3120, 52.4480,
18.6560


■ 175.7960, 53.9610,
18.7690


■ 199.3930, 47.7260,
16.1260


■ 219.0210, 31.0380,


10.1900


 238.6490, 14.3500,
4.2540


 45.3370, 42.1320,
18.3880


 45.3370, 42.1320,
18.3880


 38.4410, 47.7710,
20.8190


 52.2330, 36.4930,
15.9570


 32.2460, 52.8140,
23.0380

 58.4280, 31.4500,
13.7380

 30.1430, 54.6020,
23.6740

 65.3240, 25.8110,
11.3070

 72.2200, 20.1720,
8.8760

 78.4150, 15.1290,
6.6570

■ 85.3110, 9.4900,
4.2260

■ 92.2070, 3.8510,
1.7950

■ 98.9890, -1.4670,
-0.9470

■ 105.2980, -6.8310,
-2.8550

Harmonies

Analogous

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



46.0560, 33.0980, 27.9300



45.3370, 42.1320, 18.3880



46.6720, 41.9060, 0.4500

Triad

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



45.3370, 42.1320, 18.3880



36.9300, -21.3150, -26.7150



44.2550, -48.8300, 3.8900

Complementary

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



45.3370, 42.1320, 18.3880



73.6630, -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.



45.9360, -46.6740, -2.1460



45.3370, 42.1320, 18.3880



41.2960, -30.8530, -19.0530

Square

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



45.3370, 42.1320, 18.3880



44.8430, 9.9070, -19.8610



44.6020, -40.1620, -10.0340



48.3940, -23.9360, 15.2960

Rectangle

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



45.3370, 42.1320, 18.3880



47.6660, 32.8750, -6.5890



44.6020, -40.1620, -10.0340



45.2010, -48.7380, 2.2220

Sweetspot

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



45.3370, 42.1320, 18.3880



105.0130, 16.3210, 7.0810



50.2840, 15.2610, 37.3170



51.6100, 10.0860, 4.4380



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



45.3370, 42.1320, 18.3880



45.0520, 65.2840, 28.3240



61.4480, 36.7250, 0.7330



45.1960, 2.3840, 0.8480



34.8560, 62.9000, 27.4760



74.7240, 134.6940, 58.9660

Inverse Universe

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



45.3370, 42.1320, 18.3880



45.0520, 65.2840, 28.3240



57.5520, -36.7250, -0.7330



45.1960, 2.3840, 0.8480



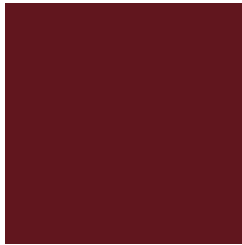
34.8560, 62.9000, 27.4760



74.7240, 134.6940, 58.9660

Previews

White Background



This preview shows how the YIQ color 45.3370, 42.1320, 18.3880 looks on a white background.

Color Contrast Check

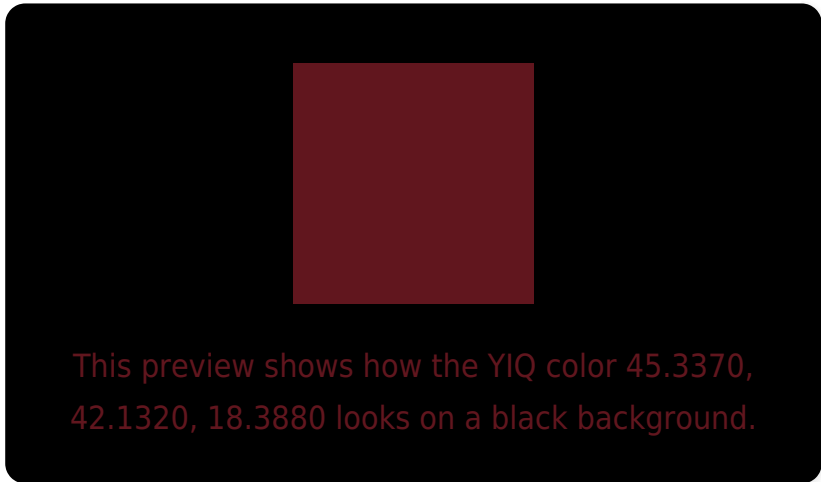
Large Text (above 18pt) WCAG AA ✓ Pass

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

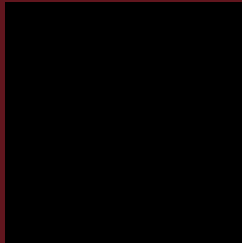
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 45.3370, 42.1320, 18.3880

Background



This preview shows how black text looks on a background with the YIQ color 45.3370, 42.1320, 18.3880.



This preview shows how white text looks on a background with the YIQ color 45.3370, 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

45.3370, 42.1320, 18.3880

Protanopia

51.6430, 5.3190, -2.7850

Deuteranopia

51.4500, 16.0480, -4.4960



Tritanopia

45.2400, 43.7830, 15.9990

Trichromacy



Original Color

45.3370, 42.1320, 18.3880

Protanomaly

49.2150, 18.5680, 4.9040

Deuteranomaly

49.2820, 25.6290, 3.5890

Tritanomaly

45.4680, 43.1410, 16.6210

Monochromacy



Original Color

45.3370, 42.1320, 18.3880

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

45.4150, 15.1290, 6.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.3370, 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(97, 22, 30)` looks like.

```
.text, #text, p{  
    color:rgb(97, 22, 30)  
}
```

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(97, 22, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 22, 30) }
```

Border

The CSS property to change the border of an element to YIQ 45.3370, 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(97, 22, 30) }
```


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

```
.border{ border-color:rgb(97, 22, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 22, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 22, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 22, 30);  
box-shadow:4px 4px 4px 4px rgb(97, 22, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 45.3370, 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(97, 22, 30) }
```

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

```
.background{ background-color: rgb(97, 22,  
30) }
```

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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