

Converting Colors

YIQ(45.8470, 5.2250, 9.9370)

Have a look what the booklet for
YIQ(45.8470, 5.2250, 9.9370)
contains.

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Color

YIQ(45.8470, 5.2250, 9.9370)

Conversions

Conversions Part 1

Format	Color
Hex	392639
RGB	57, 38, 57
RGB Percent	22%, 15%, 22%
CMY	0.7764, 0.8510, 0.7765
CMYK	0.00, 0.33, 0.00, 0.78
HSL	300°, 20%, 19%
HSV	300°, 33%, 22%
XYZ	3.1196, 2.5514, 4.1991
YIQ	45.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

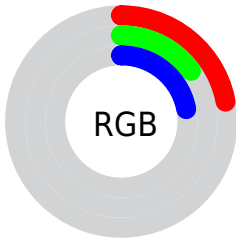
Format	Color
R_{YB}	57, 38, 57
Decimal	3745337
CIE _{Lab}	18.15, 12.89, -8.69
CIE _{LCh}	18, 15.548, 326.006
Yxy	2.5514, 0.3161, 0.2585
Android (android.graphics.Color)	4281935417 (0xFF392639)
YUV	45.8470, 5.4984, 9.7812
Hunter-Lab	15.9732, 6.9083, -4.4054

Details

The YIQ color **45.8470, 5.2250, 9.9370** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.1530, -5.2250, -9.9370**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **91.6730, 5.7750, 10.9830**, and **3.2760, -0.5970, 5.3150** is the 20% darker color. If you saturate the color by 10%, you get **42.3250, 6.8750, 13.0750**, and if you desaturate by 10%, it is **49.3690, 3.5750, 6.7990**.

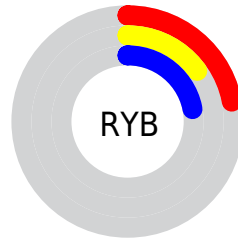
Distribution



Red (22%)

Green (15%)

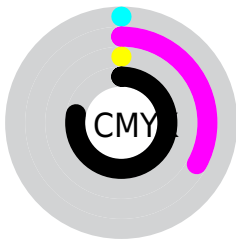
Blue (22%)



Red (22%)

Yellow (15%)

Blue (22%)

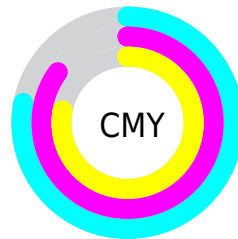


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (78%)



Cyan (78%)

Magenta (85%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.8470, 5.2250, 9.9370 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 45.8470, 5.2250, 9.9370 by changing the saturation by 10% instead.

■ 45.8470, 5.2250,
9.9370

■ 45.8470, 5.2250,
9.9370

■ 255.0000, -0.0000,
-0.0000

■ 25.0210, 4.6750,
8.8910

■ 91.6730, 5.7750,
10.9830

■ 3.2760, -0.5970,
5.3150

■ 116.3850, 6.6460,
11.7180

■ 0.0000, 0.0000,
0.0000

■ 142.3850, 6.6460,
11.7180

■ 168.7980, 6.9210,
12.2410

■ 195.9120, 6.6000,
12.5520

■ 224.2110, 7.1960,

12.7640

247.3690, 3.5750,
6.7990

45.8470, 5.2250,
9.9370

45.8470, 5.2250,
9.9370

42.3250, 6.8750,
13.0750

49.3690, 3.5750,
6.7990

39.3900, 8.2500,
15.6900

52.3040, 2.2000,
4.1840

35.8680, 9.9000,
18.8280

55.8260, 0.5500,
1.0460

32.3460, 11.5500,
21.9660

59.3480, -1.1000,
-2.0920

28.8240, 13.2000,
25.1040

62.8700, -2.7500,
-5.2300

■ 25.8890, 14.5750,
27.7190

■ 65.8050, -4.1250,
-7.8450

■ 23.5410, 15.6750,
29.8110

■ 69.3270, -5.7750,
-10.9830

■ 72.8490, -7.4250,
-14.1210

■ 75.7840, -8.8000,
-16.7360

Harmonies

Analogous

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



44.8070, -6.4660, 7.0540



45.8470, 5.2250, 9.9370



45.8110, 14.0740, 9.2580

Triad

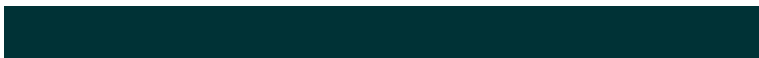
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.8470, 5.2250, 9.9370



43.5960, 12.7010, -4.4110



35.5060, -31.0840, -9.3560

Complementary

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



45.8470, 5.2250, 9.9370



49.1530, -5.2250, -9.9370

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.



38.0250, -19.4840, -10.3320



45.8470, 5.2250, 9.9370



42.8830, 4.4030, -8.2130

Square

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



45.8470, 5.2250, 9.9370



44.3950, 17.8810, 0.8330



40.6690, -6.7380, -10.0500



37.1410, -31.3140, -5.1860

Rectangle

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



45.8470, 5.2250, 9.9370



45.3120, 16.9170, 7.2930



40.6690, -6.7380, -10.0500



35.6480, -28.6080, -10.1760

Sweetspot

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



45.8470, 5.2250, 9.9370



69.8910, 1.9250, 3.6610



40.1660, -6.0990, 5.9090



35.6520, 1.1000, 2.0920



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



45.8470, 5.2250, 9.9370



56.3900, 8.2500, 15.6900



44.8210, 8.1140, 7.1380



26.2390, 0.8250, 1.5690



37.9960, 25.3000, 48.1160



90.4470, 60.2250, 114.5370

Inverse Universe

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



45.8470, 5.2250, 9.9370



56.3900, 8.2500, 15.6900



50.2930, -8.4350, -6.8270



26.2390, 0.8250, 1.5690



37.9960, 25.3000, 48.1160



90.4470, 60.2250, 114.5370

Previews

White Background



This preview shows how the YIQ color 45.8470, 5.2250, 9.9370 looks on a white background.

Color Contrast Check

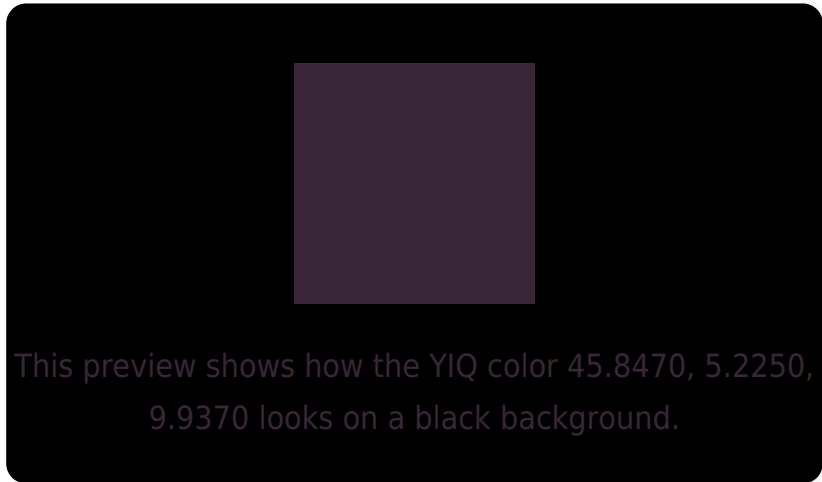
Large Text (above 18pt) WCAG AA ✓ Pass

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

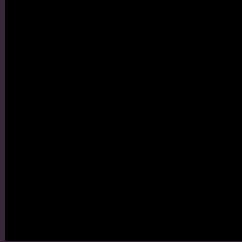
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 45.8470, 5.2250, 9.9370

Background



This preview shows how black text looks on a background with the YIQ color 45.8470, 5.2250, 9.9370.



This preview shows how white text looks on a background with the YIQ color 45.8470, 5.2250, 9.9370.

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

45.8470, 5.2250, 9.9370

Protanopia

44.4430, -8.4370, 4.2270

Deuteranopia

45.0690, -4.4480, 3.5200



Tritanopia

45.5280, 7.3810, 3.9010

Trichromacy



Original Color

45.8470, 5.2250, 9.9370

Protanomaly

45.2480, -3.3940, 6.4460

Deuteranomaly

45.3900, -0.9180, 5.6260

Tritanomaly

45.8100, 6.6470, 6.1910

Monochromacy



Original Color

45.8470, 5.2250, 9.9370

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

45.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.8470, 5.2250, 9.9370 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(57, 38, 57)` looks like.

```
.text, #text, p{  
    color:rgb(57, 38, 57)  
}
```

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(57, 38, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 38, 57) }
```

Border

The CSS property to change the border of an element to YIQ 45.8470, 5.2250, 9.9370 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(57, 38, 57) }
```

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

```
.border{ border-color:rgb(57, 38, 57) }
```

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

Here you see how a box with a 4 pixel rgb(57, 38, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 38, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 38, 57);  
box-shadow:4px 4px 4px 4px rgb(57, 38, 57)  
}
```


Background

The CSS property to change the background color of an element to YIQ 45.8470, 5.2250, 9.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 38, 57) }
```

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

```
.background{ background-color: rgb(57, 38,  
57) }
```

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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