

Converting Colors

YIQ(37.2450, 45.3870, 19.9710)

Have a look what the booklet for
YIQ(37.2450, 45.3870, 19.9710)
contains.

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Color

**YIQ(37.2450, 45.3870,
19.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	5D0C15
RGB	93, 12, 21
RGB Percent	36%, 5%, 8%
CMY	0.6351, 0.9530, 0.9175
CMYK	0.00, 0.87, 0.77, 0.64
HSL	353°, 77%, 21%
HSV	353°, 87%, 36%
XYZ	4.7861, 2.6462, 0.9701
YIQ	37.2450, 45.3870, 19.9710

Conversions

Conversions Part 2

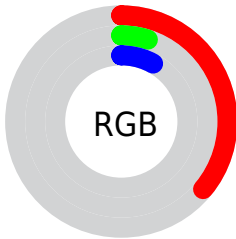
Format	Color
R_{YB}	93, 12, 21
Decimal	6097941
CIE _{Lab}	18.57, 35.64, 18.14
CIE _{LCh}	19, 39.989, 26.971
Yxy	2.6462, 0.5696, 0.3149
Android (android.graphics.Color)	4284288021 (0xFF5D0C15)
YUV	37.2450, -8.0088, 48.8971
Hunter-Lab	16.2672, 24.0508, 7.8512

Details

The YIQ color **37.2450, 45.3870, 19.9710** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.7550, -45.3870, -19.9710**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3010, 50.9810, 17.7090**, and **12.6720, 24.7110, 9.2150** is the 20% darker color. If you saturate the color by 10%, you get **31.0500, 50.4300, 22.1900**, and if you desaturate by 10%, it is **43.4400, 40.3440, 17.7520**.

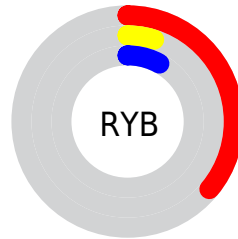
Distribution



Red (36%)

Green (5%)

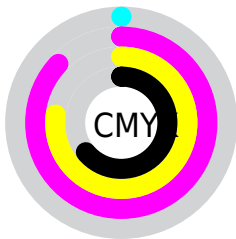
Blue (8%)



Red (36%)

Yellow (5%)

Blue (8%)

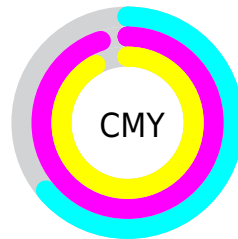


Cyan (0%)

Magenta (87%)

Yellow (77%)

Black (64%)



Cyan (64%)

Magenta (95%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.2450, 45.3870, 19.9710 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 37.2450, 45.3870, 19.9710 by changing the saturation by 10% instead.

■ 37.2450, 45.3870,
19.9710

■ 37.2450, 45.3870,
19.9710

■ 252.8000, 3.4390,
-1.7530

■ 19.7340, 39.3360,
13.9920

■ 89.3010, 50.9810,
17.7090

■ 12.6720, 24.7110,
9.2150

■ 115.3830, 53.6860,
18.2460

■ 0.0000, 0.0000,
0.0000


■ 142.0520, 56.1160,
18.2600


■ 168.8350, 58.2250,
18.5850


■ 193.4430, 53.4570,
16.8890


■ 212.9570, 37.0900,

10.6420


 232.4710, 20.7230,
4.3950


 37.2450, 45.3870,
19.9710


 37.2450, 45.3870,
19.9710


 31.0500, 50.4300,
22.1900


 43.4400, 40.3440,
17.7520

 28.9470, 52.2180,
22.8260

 50.3360, 34.7050,
15.3210

 56.5310, 29.6620,
13.1020

 62.7260, 24.6190,
10.8830

 68.9210, 19.5760,
8.6640

■ 75.8170, 13.9370,
6.2330

■ 82.0120, 8.8940,
4.0140

■ 88.2070, 3.8510,
1.7950

■ 94.9890, -1.4670,
-0.9470

Harmonies

Analogous

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



35.7410, 38.5990, 32.8630



37.2450, 45.3870, 19.9710



41.8290, 40.0260, 1.4820

Triad

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



37.2450, 45.3870, 19.9710



33.3110, -18.0140, -25.9660



41.2060, -47.1340, 6.1940

Complementary

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



37.2450, 45.3870, 19.9710



67.7550, -45.3870, -19.9710

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.



43.5880, -45.5740, -0.0540



37.2450, 45.3870, 19.9710



38.1330, -28.8360, -17.0600

Square

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



37.2450, 45.3870, 19.9710



39.5050, 5.0470, -19.8890



41.5530, -38.4660, -7.7300



44.2310, -21.9190, 17.2890

Rectangle

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



37.2450, 45.3870, 19.9710



42.9260, 29.2070, -6.1930



41.5530, -38.4660, -7.7300



42.1520, -47.0420, 4.5260

Sweetspot

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



37.2450, 45.3870, 19.9710



98.6110, 17.5130, 7.5050



42.7620, 16.9110, 40.4550



47.9090, 10.6820, 4.6500



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



37.2450, 45.3870, 19.9710



37.3620, 67.3470, 29.4830



54.4160, 39.7510, 0.9590



42.6090, 2.6590, 1.3710



34.2580, 61.7080, 27.0520



73.9410, 132.5850, 58.6410

Inverse Universe

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



37.2450, 45.3870, 19.9710



37.3620, 67.3470, 29.4830



50.5840, -39.7510, -0.9590



42.6090, 2.6590, 1.3710



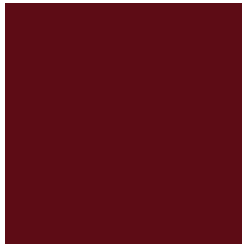
34.2580, 61.7080, 27.0520



73.9410, 132.5850, 58.6410

Previews

White Background



This preview shows how the YIQ color 37.2450, 45.3870, 19.9710 looks on a white background.

Color Contrast Check

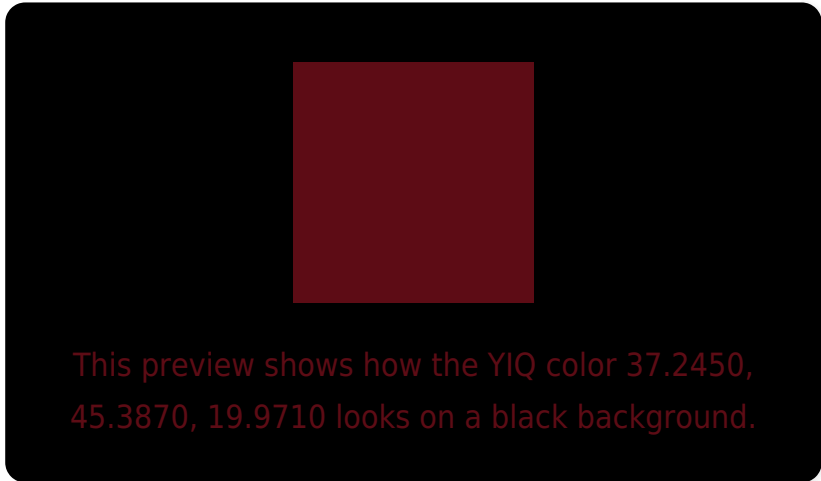
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2450, 45.3870, 19.9710

Background



This preview shows how black text looks on a background with the YIQ color 37.2450, 45.3870, 19.9710.

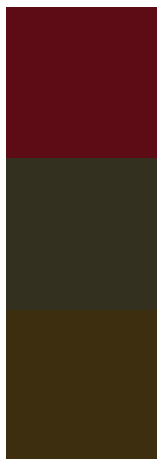


This preview shows how white text looks on a background with the YIQ color 37.2450, 45.3870,

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

37.2450, 45.3870, 19.9710

Protanopia

47.2580, 7.8410, -4.4390

Deuteranopia

46.6520, 18.2950, -6.6730



Tritanopia

37.5070, 47.4050, 16.4370

Trichromacy



Original Color

37.2450, 45.3870, 19.9710

Protanomaly

43.6560, 21.6400, 4.2960

Deuteranomaly

43.4240, 28.1050, 2.7690

Tritanomaly

37.2620, 46.7170, 17.8930

Monochromacy



Original Color

37.2450, 45.3870, 19.9710

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.0130, 16.3210, 7.0810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.2450, 45.3870, 19.9710 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(93, 12, 21)` looks like.

```
.text, #text, p{  
    color:rgb(93, 12, 21)  
}
```

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(93, 12, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 12, 21) }
```

Border

The CSS property to change the border of an element to YIQ 37.2450, 45.3870, 19.9710 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(93, 12, 21) }
```


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

```
.border{ border-color:rgb(93, 12, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 12, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 12, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 12, 21);  
box-shadow:4px 4px 4px 4px rgb(93, 12, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.2450, 45.3870, 19.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 12, 21) }
```

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

```
.background{ background-color: rgb(93, 12,  
21) }
```

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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