

Converting Colors

YIQ(45.4400, 32.3170, 36.5810)

Have a look what the booklet for
YIQ(45.4400, 32.3170, 36.5810)
contains.

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Color

**YIQ(45.4400, 32.3170,
36.5810)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 630D48 |
| RGB | 99, 13, 72 |
| RGB Percent | 39%, 5%, 28% |
| CMY | 0.6115, 0.9491, 0.7176 |
| CMYK | 0.00, 0.87, 0.27, 0.61 |
| HSL | 319°, 77%, 22% |
| HSV | 319°, 87%, 39% |
| XYZ | 6.4662, 3.4112, 6.4521 |
| YIQ | 45.4400, 32.3170, 36.5810 |

Conversions

Conversions Part 2

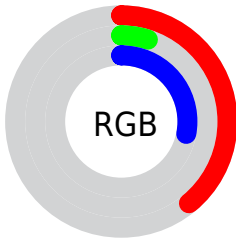
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 99, 13, 72 |
| Decimal | 6491464 |
| CIE _{Lab} | 21.62, 41.96, -13.11 |
| CIE _{LCh} | 22, 43.956, 342.648 |
| Yxy | 3.4112, 0.3960, 0.2089 |
| Android (android.graphics.Color) | 4284681544 (0xFF630D48) |
| YUV | 45.4400, 13.0941, 46.9721 |
| Hunter-Lab | 18.4694, 30.1715, -7.7838 |

Details

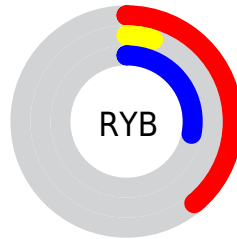
The YIQ color **45.4400, 32.3170, 36.5810** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **66.5600, -32.3170, -36.5810**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.4570, 33.6470, 34.5030**, and **18.2560, 20.4910, 19.6190** is the 20% darker color. If you saturate the color by 10%, you get **39.2280, 36.0300, 40.8780**, and if you desaturate by 10%, it is **51.6520, 28.6040, 32.2840**.

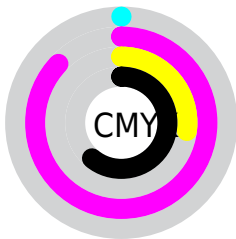
Distribution



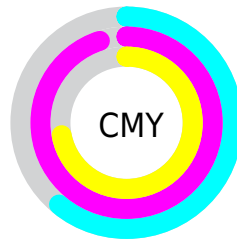
- Red (39%)
- Green (5%)
- Blue (28%)



- Red (39%)
- Yellow (5%)
- Blue (28%)



- Cyan (0%)
- Magenta (87%)
- Yellow (27%)
- Black (61%)



- Cyan (61%)
- Magenta (95%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.4400, 32.3170, 36.5810 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 45.4400, 32.3170, 36.5810 by changing the saturation by 10% instead.

45.4400, 32.3170,
36.5810

45.4400, 32.3170,
36.5810

255.0000, -0.0000,
-0.0000

27.4130, 27.7790,
30.7150

99.4570, 33.6470,
34.5030

18.2560, 20.4910,
19.6190

125.9410, 35.1600,
34.6160

4.4850, 8.9400,
3.1800

152.6530, 36.0310,
35.3510

0.0000, 0.0000,
0.0000


179.6640, 37.4980,
36.2980

204.3750, 30.9420,
33.9660


223.8890, 14.5750,


27.7190


 240.3250, 6.8750,
13.0750


 45.4400, 32.3170,
36.5810


 45.4400, 32.3170,
36.5810


 39.2280, 36.0300,
40.8780


 51.6520, 28.6040,
32.2840

 37.3530, 37.1760,
42.1360

 57.8640, 24.8910,
27.9870

 64.0760, 21.1780,
23.6900

 70.2880, 17.4650,
19.3930

 76.6140, 13.4310,
15.4070

■ 82.2390, 9.9930,
11.6330

■ 88.4510, 6.2800,
7.3360

■ 94.6630, 2.5670,
3.0390

■ 100.8750, -1.1460,
-1.2580

Harmonies

Analogous

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



52.5760, -0.6010, 27.4230



45.4400, 32.3170, 36.5810



39.7870, 50.1530, 32.7210

Triad

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



45.4400, 32.3170, 36.5810



48.1320, 16.4630, -17.5290



49.0990, -48.6910, -4.1390

Complementary

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



45.4400, 32.3170, 36.5810



66.5600, -32.3170, -36.5810

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.



46.1520, -39.0150, -14.3030



45.4400, 32.3170, 36.5810



38.7970, -10.8150, -29.7830

Square

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



45.4400, 32.3170, 36.5810



49.1610, 35.8550, -5.5290



41.1020, -27.5510, -23.8310



48.8030, -53.3690, 3.5510

Rectangle

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



45.4400, 32.3170, 36.5810



43.8280, 50.9350, 18.5430



41.1020, -27.5510, -23.8310



47.9590, -45.4810, -7.2490

Sweetspot

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



45.4400, 32.3170, 36.5810



108.7880, 12.8810, 14.3610



30.5780, -12.1100, 32.2580



53.5760, 7.4260, 8.5940



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



45.4400, 32.3170, 36.5810



49.0160, 48.9110, 55.2390



40.6520, 45.7990, 23.5190



45.5380, 1.4210, 1.7810



42.2660, 42.0350, 47.6910



90.4560, 90.3960, 101.8840

Inverse Universe

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



45.4400, 32.3170, 36.5810



49.0160, 48.9110, 55.2390



71.3480, -45.7990, -23.5190



45.5380, 1.4210, 1.7810



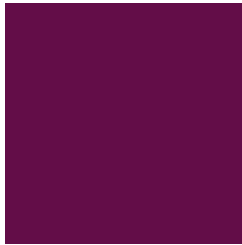
42.2660, 42.0350, 47.6910



90.4560, 90.3960, 101.8840

Previews

White Background



This preview shows how the YIQ color 45.4400, 32.3170, 36.5810 looks on a white background.

Color Contrast Check

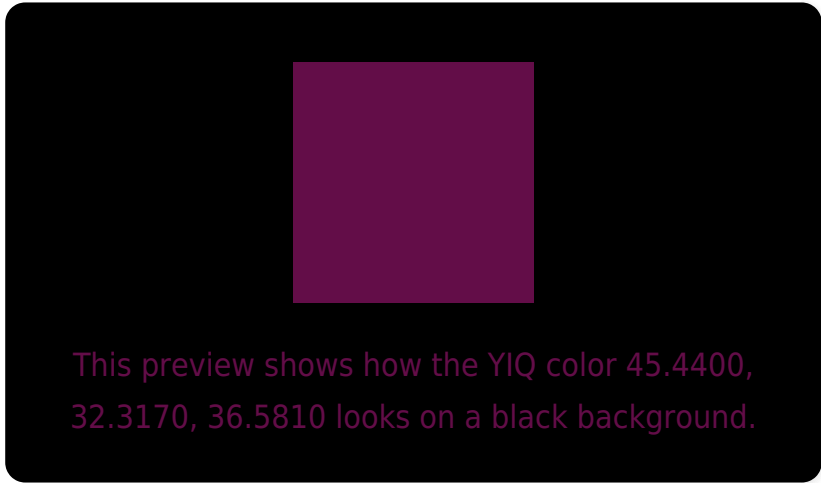
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4400, 32.3170, 36.5810

Background



This preview shows how black text looks on a background with the YIQ color 45.4400, 32.3170, 36.5810.



This preview shows how white text looks on a background with the YIQ color 45.4400, 32.3170,

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

45.4400, 32.3170, 36.5810

Protanopia

51.4810, -28.7950, 9.7410

Deuteranopia

54.5960, -4.4940, 4.3540



Tritanopia

49.9620, 38.6940, 14.6140

Trichromacy



Original Color

45.4400, 32.3170, 36.5810

Protanomaly

49.0110, -6.5600, 19.7760

Deuteranomaly

51.1020, 9.1210, 16.4250

Tritanomaly

48.4490, 36.1250, 22.6290

Monochromacy



Original Color

45.4400, 32.3170, 36.5810

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

45.0760, 12.0100, 13.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.4400, 32.3170, 36.5810 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(99, 13, 72)` looks like.

```
.text, #text, p{  
    color:rgb(99, 13, 72)  
}
```

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(99, 13, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 13, 72) }
```

Border

The CSS property to change the border of an element to YIQ 45.4400, 32.3170, 36.5810 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(99, 13, 72) }
```


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

```
.border{ border-color:rgb(99, 13, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 13, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 13, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 13, 72);  
box-shadow:4px 4px 4px 4px rgb(99, 13, 72)  
}
```

Background

The CSS property to change the background color of an element to YIQ 45.4400, 32.3170, 36.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 13, 72) }
```

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

```
.background{ background-color: rgb(99, 13,  
72) }
```

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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