

Converting Colors

YIQ(45.2410, 52.3510, 47.9590)

Have a look what the booklet for
YIQ(45.2410, 52.3510, 47.9590)
contains.

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Color

**YIQ(45.2410, 52.3510,
47.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0045
RGB	125, 0, 69
RGB Percent	49%, 0%, 27%
CMY	0.5095, 0.9999, 0.7293
CMYK	0.00, 1.00, 0.45, 0.51
HSL	327°, 100%, 25%
HSV	327°, 100%, 49%
XYZ	9.5455, 4.7967, 6.0594
YIQ	45.2410, 52.3510, 47.9590

Conversions

Conversions Part 2

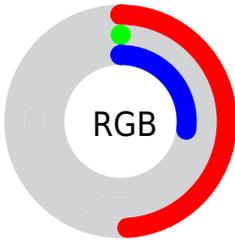
Format	Color
R_{YB}	125, 0, 69
Decimal	8192069
CIE _{Lab}	26.15, 50.74, -3.69
CIE _{LCh}	26, 50.875, 355.841
Yxy	4.7967, 0.4679, 0.2351
Android (android.graphics.Color)	4286382149 (0xFF7D0045)
YUV	45.2410, 11.7132, 69.9486
Hunter-Lab	21.9013, 39.4707, -1.0727

Details

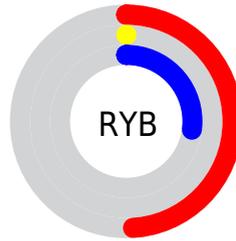
The YIQ color **45.2410, 52.3510, 47.9590** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **79.7590, -52.3510, -47.9590**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.6720, 52.2150, 39.4070**, and **23.8940, 33.3740, 22.9260** is the 20% darker color. If you saturate the color by 10%, you get **45.2410, 52.3510, 47.9590**, and if you desaturate by 10%, it is **53.5560, 46.8500, 43.0260**.

Distribution



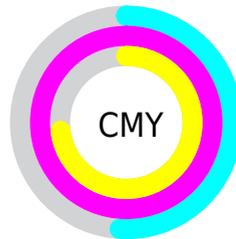
- Red (49%)
- Green (0%)
- Blue (27%)



- Red (49%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.2410, 52.3510, 47.9590 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 45.2410, 52.3510, 47.9590 by changing the saturation by 10% instead.

45.2410, 52.3510,
47.9590

45.2410, 52.3510,
47.9590

255.0000, -0.0000,
-0.0000

34.3610, 42.7250,
35.1810

107.6720, 52.2150,
39.4070

23.8940, 33.3740,
22.9260

135.1560, 53.7280,
39.5200

13.9820, 26.7740,
10.3740

162.9390, 55.8370,
39.8450

0.0000, 0.0000,
0.0000

186.0520, 48.0890,
37.0890

205.6800, 31.4010,
31.1530

226.0090, 14.1170,

25.0050

■ 243.2600, 5.5000,
10.4600

■ 45.2410, 52.3510,
47.9590

■ 53.5560, 46.8500,
43.0260

■ 61.1700, 41.9450,
38.3050

■ 69.4850, 36.4440,
33.3720

■ 77.0990, 31.5390,
28.6510

■ 85.4140, 26.0380,
23.7180

■ 93.1420, 20.8120,
19.3080

■ 101.3430, 15.6320,
14.0640

■ 109.0710, 10.4060,
9.6540

■ 117.2720, 5.2260,
4.4100

Harmonies

Analogous

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



60.1920, 18.5160, 38.9000



45.2410, 52.3510, 47.9590



48.8390, 61.5700, 29.5540

Triad

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



45.2410, 52.3510, 47.9590



53.9580, 7.8450, -26.5470



58.9760, -61.3460, -0.5620

Complementary

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



45.2410, 52.3510, 47.9590



79.7590, -52.3510, -47.9590

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.



56.6160, -51.9450, -11.2490



45.2410, 52.3510, 47.9590



45.3930, -24.4770, -35.4930

Square

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



45.2410, 52.3510, 47.9590



58.8520, 32.0510, -13.6850



52.0560, -39.1050, -23.6890



56.4630, -63.9150, 7.4530

Rectangle

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



45.2410, 52.3510, 47.9590



54.3970, 59.0980, 8.2660



52.0560, -39.1050, -23.6890



58.5370, -58.7320, -3.8840

Sweetspot

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



45.2410, 52.3510, 47.9590



131.7290, 20.5370, 18.7850



30.3960, -7.9410, 50.3230



62.7940, 12.7440, 11.3360



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



45.2410, 52.3510, 47.9590



58.9970, 68.2580, 62.5460



38.2870, 71.9320, 28.9880



59.5490, 2.8880, 2.7280



46.2520, 53.8180, 48.9060



0.0000, 0.0000, 0.0000

Inverse Universe

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



45.2410, 52.3510, 47.9590



58.9970, 68.2580, 62.5460



86.7130, -71.9320, -28.9880



59.5490, 2.8880, 2.7280



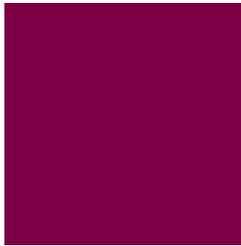
46.2520, 53.8180, 48.9060



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 45.2410, 52.3510, 47.9590 looks on a white background.

Color Contrast Check

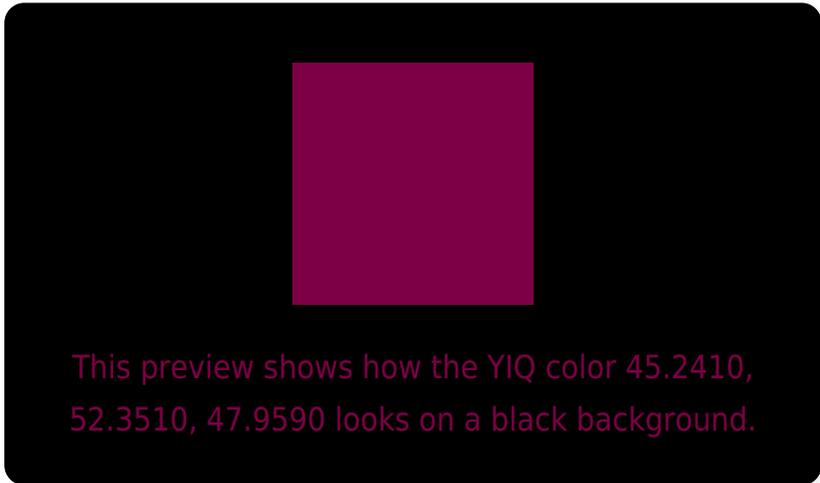
Large Text (above 18pt) WCAG AA ✓ Pass

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

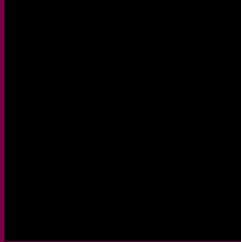
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 45.2410, 52.3510, 47.9590

Background



This preview shows how black text looks on a background with the YIQ color 45.2410, 52.3510, 47.9590.



This preview shows how white text looks on a background with the YIQ color 45.2410, 52.3510,

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

45.2410, 52.3510, 47.9590

Protanopia

64.7010, -17.7910, 8.5530

Deuteranopia

66.1040, 5.6390, 2.4310



Tritanopia

55.8180, 56.8950, 20.6630

Trichromacy



Original Color

45.2410, 52.3510, 47.9590

Protanomaly

57.7200, 7.5610, 22.6730

Deuteranomaly

58.5120, 22.6460, 19.1100

Tritanomaly

51.9570, 55.4260, 30.7700

Monochromacy



Original Color

45.2410, 52.3510, 47.9590

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

45.3050, 18.7950, 17.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.2410, 52.3510, 47.9590 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(125, 0, 69)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 69)  
}
```

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(125, 0, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 69) }
```

Border

The CSS property to change the border of an element to YIQ 45.2410, 52.3510, 47.9590 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(125, 0, 69) }
```

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

```
.border{ border-color:rgb(125, 0, 69) }
```

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

Here you see how a box with a 4 pixel rgb(125, 0, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 0, 69);  
box-shadow:4px 4px 4px 4px rgb(125, 0, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 45.2410, 52.3510, 47.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 69) }
```

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

```
.background{ background-color: rgb(125, 0,  
69) }
```

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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