

Converting Colors

YIQ(45.7570, 15.3070, 36.4830)

Have a look what the booklet for
YIQ(45.7570, 15.3070, 36.4830)
contains.

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Color

**YIQ(45.7570, 15.3070,
36.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	53125B
RGB	83, 18, 91
RGB Percent	33%, 7%, 36%
CMY	0.6743, 0.9295, 0.6431
CMYK	0.09, 0.80, 0.00, 0.64
HSL	293°, 67%, 21%
HSV	293°, 80%, 36%
XYZ	5.6760, 3.0284, 10.1832
YIQ	45.7570, 15.3070, 36.4830

Conversions

Conversions Part 2

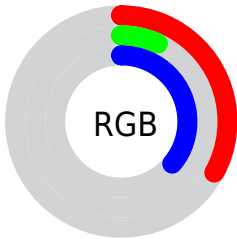
Format	Color
R_{YB}	83, 18, 91
Decimal	5444187
CIE _{Lab}	20.16, 39.59, -28.44
CIE _{LCh}	20, 48.745, 324.303
Yxy	3.0284, 0.3005, 0.1603
Android (android.graphics.Color)	4283634267 (0xFF53125B)
YUV	45.7570, 22.3048, 32.6621
Hunter-Lab	17.4023, 27.7664, -22.5126

Details

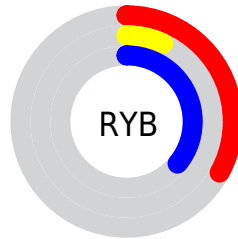
The YIQ color **45.7570, 15.3070, 36.4830** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **63.2430, -15.3070, -36.4830**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **97.0560, 15.9030, 36.6950**, and **16.4920, 8.2030, 22.0510** is the 20% darker color. If you saturate the color by 10%, you get **40.1750, 17.1860, 40.9780**, and if you desaturate by 10%, it is **51.3390, 13.4280, 31.9880**.

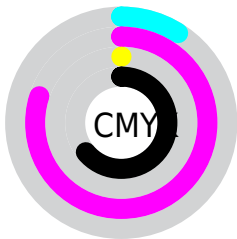
Distribution



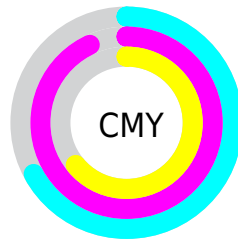
- Red (33%)
- Green (7%)
- Blue (36%)



- Red (33%)
- Yellow (7%)
- Blue (36%)



- Cyan (9%)
- Magenta (80%)
- Yellow (0%)
- Black (64%)



- Cyan (67%)
- Magenta (93%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.7570, 15.3070, 36.4830 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 45.7570, 15.3070, 36.4830 by changing the saturation by 10% instead.

45.7570, 15.3070,
36.4830

45.7570, 15.3070,
36.4830

255.0000, -0.0000,
-0.0000

24.9800, 13.0610,
33.1330

97.0560, 15.9030,
36.6950

16.4920, 8.2030,
22.0510

122.7680, 16.7740,
37.4300

3.2090, -7.6580,
6.6300

149.5940, 17.3240,
38.4760


0.0000, 0.0000,
0.0000


176.4200, 17.8740,
39.5220


204.1320, 18.7450,
40.2570


223.3020, 14.8500,


28.2420


 240.3250, 6.8750,
13.0750


 45.7570, 15.3070,
36.4830


 45.7570, 15.3070,
36.4830


 40.1750, 17.1860,
40.9780


 51.3390, 13.4280,
31.9880

 34.5930, 19.0650,
45.4730

 56.9210, 11.5490,
27.4930

 62.5030, 9.6700,
22.9980

 68.0850, 7.7910,
18.5030

 73.6670, 5.9120,
14.0080

■ 79.8360, 3.7580,
8.9900

■ 85.4180, 1.8790,
4.4950

■ 91.0000, -0.0000,
-0.0000

■ 96.5820, -1.8790,
-4.4950

Harmonies

Analogous

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



42.5480, -38.9290, 17.1910



45.7570, 15.3070, 36.4830



38.1920, 44.8790, 40.1990

Triad

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



45.7570, 15.3070, 36.4830



46.4480, 27.5570, -9.3310



45.7590, -42.0420, -9.0020

Complementary

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



45.7570, 15.3070, 36.4830



63.2430, -15.3070, -36.4830

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.



41.0680, -30.2110, -19.6750



45.7570, 15.3070, 36.4830



42.1520, 4.5430, -21.7690

Square

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



45.7570, 15.3070, 36.4830



43.3570, 47.4070, 5.3830



35.2200, -16.5000, -31.3800



48.5920, -51.3970, 0.8510

Rectangle

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



45.7570, 15.3070, 36.4830



36.1680, 53.4540, 33.4700



35.2200, -16.5000, -31.3800



44.3910, -38.1900, -12.7340

Sweetspot

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



45.7570, 15.3070, 36.4830



99.6670, 5.9120, 14.0080



31.0180, -25.6330, 18.5190



48.4230, 3.4830, 8.4670



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



45.7570, 15.3070, 36.4830



47.6680, 23.6480, 56.0320



44.9570, 29.0630, 29.4710



42.7660, 0.7790, 2.4030



41.8420, 23.0980, 54.9860



90.1070, 49.6790, 118.4390

Inverse Universe

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



40.7390, 40.9400, 17.9640



39.8560, 62.9000, 27.4760



64.0430, -29.0630, -29.4710



42.6090, 2.6590, 1.3710



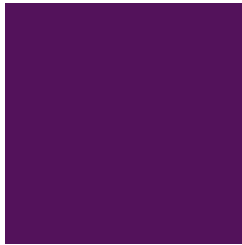
34.2580, 61.7080, 27.0520



73.8270, 132.9060, 58.3300

Previews

White Background



This preview shows how the YIQ color 45.7570, 15.3070, 36.4830 looks on a white background.

Color Contrast Check

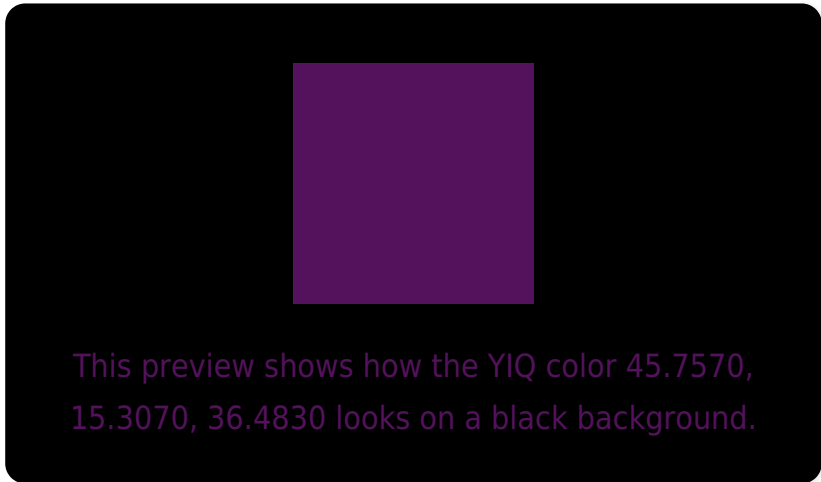
Large Text (above 18pt) WCAG AA ✓ Pass

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

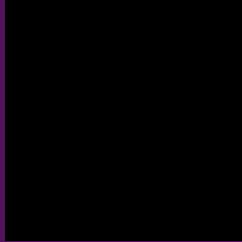
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 45.7570, 15.3070, 36.4830

Background



This preview shows how black text looks on a background with the YIQ color 45.7570, 15.3070, 36.4830.



This preview shows how white text looks on a background with the YIQ color 45.7570, 15.3070,

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

45.7570, 15.3070, 36.4830

Protanopia

40.5050, -46.5380, 6.4060

Deuteranopia

46.9170, -27.3270, 5.1610



Tritanopia

50.5900, 22.0060, 8.6780

Trichromacy



Original Color

45.7570, 15.3070, 36.4830

Protanomaly

42.5620, -24.3490, 17.2750

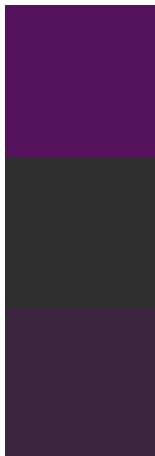
Deuteranomaly

46.3800, -12.1530, 16.5110

Tritanomaly

48.5440, 19.6200, 18.8840

Monochromacy



Original Color

45.7570, 15.3070, 36.4830

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

45.8410, 5.3620, 12.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.7570, 15.3070, 36.4830 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(83, 18, 91)` looks like.

```
.text, #text, p{  
    color:rgb(83, 18, 91)  
}
```

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(83, 18, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 18, 91) }
```

Border

The CSS property to change the border of an element to YIQ 45.7570, 15.3070, 36.4830 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(83, 18, 91) }
```


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

```
.border{ border-color:rgb(83, 18, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 18, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 18, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 18, 91);  
box-shadow:4px 4px 4px 4px rgb(83, 18, 91)  
}
```

Background

The CSS property to change the background color of an element to YIQ 45.7570, 15.3070, 36.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 18, 91) }
```

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

```
.background{ background-color: rgb(83, 18,  
91) }
```

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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