

Converting Colors

YIQ(36.9030, 19.9870, 17.7390)

Have a look what the booklet for
YIQ(36.9030, 19.9870, 17.7390)
contains.

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Color

**YIQ(36.9030, 19.9870,
17.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	43142D
RGB	67, 20, 45
RGB Percent	26%, 8%, 18%
CMY	0.7371, 0.9216, 0.8235
CMYK	0.00, 0.70, 0.33, 0.74
HSL	328°, 54%, 17%
HSV	328°, 70%, 26%
XYZ	3.0407, 1.8836, 2.6875
YIQ	36.9030, 19.9870, 17.7390

Conversions

Conversions Part 2

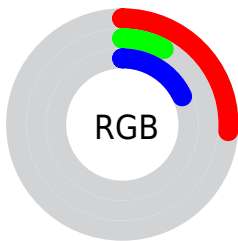
Format	Color
R_{YB}	67, 20, 45
Decimal	4396077
CIE Lab	14.86, 25.69, -5.02
CIE LCh	15, 26.176, 348.950
Yxy	1.8836, 0.3995, 0.2475
Android (android.graphics.Color)	4282586157 (0xFF43142D)
YUV	36.9030, 3.9918, 26.3951
Hunter-Lab	13.7246, 15.5293, -2.0027




Details

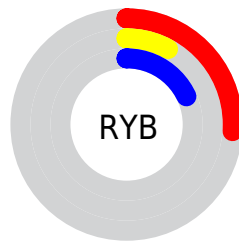
The YIQ color **36.9030, 19.9870, 17.7390** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.0970, -19.9870, -17.7390**, and the grayscale version is **37.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **84.0990, 22.3710, 18.5870**, and **2.6910, 5.3640, 1.9080** is the 20% darker color. If you saturate the color by 10%, you get **32.4520, 22.8750, 20.4670**, and if you desaturate by 10%, it is **41.3540, 17.0990, 15.0110**.

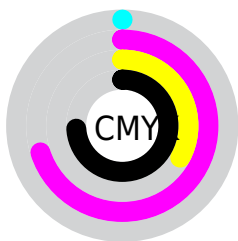
Distribution







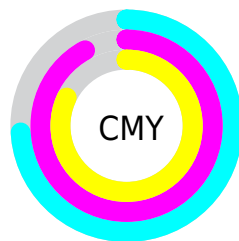
-  Red (26%)
-  Green (8%)
-  Blue (18%)






-  Red (26%)
-  Yellow (8%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (70%)
-  Yellow (33%)
-  Black (74%)



-  Cyan (74%)
-  Magenta (92%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.9030, 19.9870, 17.7390 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 36.9030, 19.9870, 17.7390 by changing the saturation by 10% instead.

■ 36.9030, 19.9870,
17.7390

■ 36.9030, 19.9870,
17.7390

■ 253.2390, 0.8250,
1.5690

■ 16.0060, 18.1990,
17.1030

■ 84.0990, 22.3710,
18.5870

■ 2.6910, 5.3640,
1.9080

■ 108.6970, 23.5630,
19.0110

■ 0.0000, 0.0000,
0.0000

■ 134.7080, 25.0300,
19.9580


■ 161.0070, 25.6260,
20.1700


■ 188.6050, 26.8180,
20.5940


■ 216.0180, 27.0930,


21.1170


 235.7600, 10.0840,
15.4920


 36.9030, 19.9870,
17.7390


 36.9030, 19.9870,
17.7390


 32.4520, 22.8750,
20.4670


 41.3540, 17.0990,
15.0110


 28.5880, 25.4880,
22.6720

 45.2180, 14.4860,
12.8060

 24.1370, 28.3760,
25.4000

 49.6690, 11.5980,
10.0780

 54.2340, 8.3890,
7.6610

 58.0980, 5.7760,
5.4560

■ 62.5490, 2.8880,
2.7280

■ 67.0000, -0.0000,
-0.0000

■ 71.4510, -2.8880,
-2.7280

■ 75.3150, -5.5010,
-4.9330

Harmonies

Analogous

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



38.7640, 4.2610, 16.3970



36.9030, 19.9870, 17.7390



35.7480, 27.5530, 12.7770

Triad

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



36.9030, 19.9870, 17.7390



34.5430, 11.0520, -13.0760



33.8250, -33.2400, -3.3200

Complementary

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



36.9030, 19.9870, 17.7390



50.0970, -19.9870, -17.7390

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.



32.5880, -28.3790, -8.8190



36.9030, 19.9870, 17.7390



30.8550, -7.5620, -17.1460

Square

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



36.9030, 19.9870, 17.7390



35.8050, 22.2380, -6.5460



30.4220, -22.2800, -14.7280



32.5030, -35.0290, 1.5710

Rectangle

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



36.9030, 19.9870, 17.7390



35.7170, 28.8380, 6.0060



30.4220, -22.2800, -14.7280



33.2550, -31.6350, -4.8750

Sweetspot

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



36.9030, 19.9870, 17.7390



74.8210, 8.1140, 7.1380



31.9360, -1.9750, 19.2810



36.5600, 4.3550, 3.6750



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



36.9030, 19.9870, 17.7390



40.2730, 30.9890, 27.6050



34.2810, 27.3700, 10.5860



31.1250, 1.1460, 1.2580



34.9310, 41.1200, 36.7360



80.5420, 95.3050, 84.4970

Inverse Universe

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



36.9030, 19.9870, 17.7390



40.2730, 30.9890, 27.6050



52.7190, -27.3700, -10.5860



31.1250, 1.1460, 1.2580



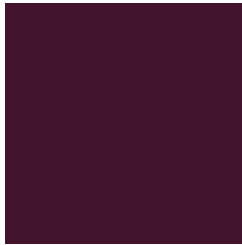
34.9310, 41.1200, 36.7360



80.5420, 95.3050, 84.4970

Previews

White Background



This preview shows how the YIQ color 36.9030, 19.9870, 17.7390 looks on a white background.

Color Contrast Check

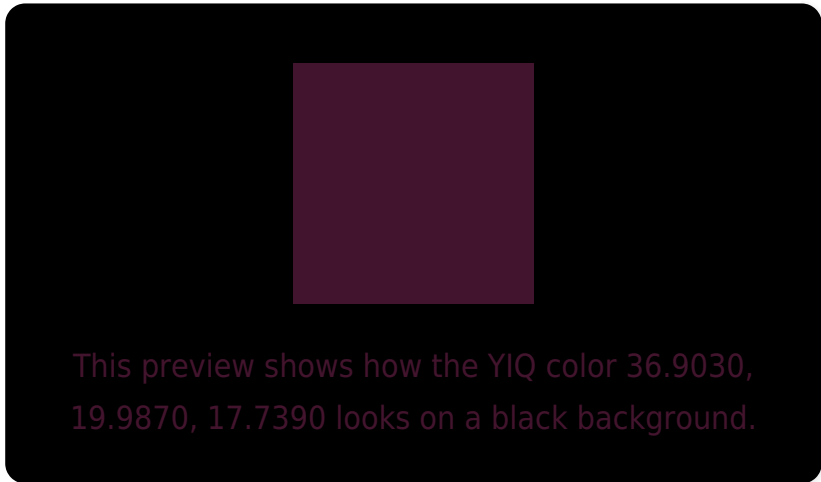
Large Text (above 18pt) WCAG AA ✓ Pass

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

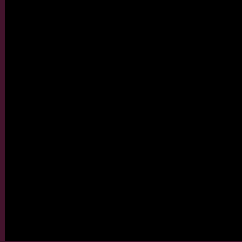
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.9030, 19.9870, 17.7390

Background



This preview shows how black text looks on a background with the YIQ color 36.9030, 19.9870, 17.7390.



This preview shows how white text looks on a background with the YIQ color 36.9030, 19.9870,

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

36.9030, 19.9870, 17.7390

Protanopia

38.4860, -9.9960, 4.9480

Deuteranopia

39.4670, 0.1830, 2.1910



Tritanopia

37.3730, 24.1150, 9.0030

Trichromacy



Original Color

36.9030, 19.9870, 17.7390

Protanomaly

37.6940, 1.2820, 9.8100

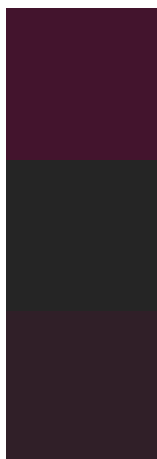
Deuteranomaly

38.1630, 7.1510, 8.0710

Tritanomaly

36.9970, 22.4180, 12.2260

Monochromacy



Original Color

36.9030, 19.9870, 17.7390

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.1090, 7.2430, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.9030, 19.9870, 17.7390 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(67, 20, 45)` looks like.

```
.text, #text, p{  
    color:rgb(67, 20, 45)  
}
```

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(67, 20, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 20, 45) }
```

Border

The CSS property to change the border of an element to YIQ 36.9030, 19.9870, 17.7390 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(67, 20, 45) }
```


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

```
.border{ border-color:rgb(67, 20, 45) }
```

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

Here you see how a box with a 4 pixel rgb(67, 20, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 20, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 20, 45);  
box-shadow:4px 4px 4px 4px rgb(67, 20, 45)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.9030, 19.9870, 17.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 20, 45) }
```

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

```
.background{ background-color: rgb(67, 20,  
45) }
```

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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