

Converting Colors

YIQ(17.0430, 33.9720, 12.0840)

Have a look what the booklet for
YIQ(17.0430, 33.9720, 12.0840)
contains.

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Color

**YIQ(17.0430, 33.9720,
12.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	390000
RGB	57, 0, 0
RGB Percent	22%, 0%, 0%
CMY	0.7763, 1.0000, 0.9999
CMYK	0.00, 1.00, 1.00, 0.78
HSL	360°, 100%, 11%
HSV	360°, 100%, 22%
XYZ	1.6895, 0.8709, 0.0801
YIQ	17.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

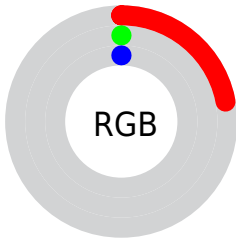
Format	Color
R _Y B	57, 0, 0
Decimal	3735552
CIE Lab	7.87, 27.61, 12.42
CIE LCh	8, 30.278, 24.215
Yxy	0.8709, 0.6398, 0.3298
Android (android.graphics.Color)	4281925632 (0xFF390000)
YUV	17.0430, -8.4022, 35.0423
Hunter-Lab	9.3325, 15.9829, 6.0242

Details

The YIQ color **17.0430, 33.9720, 12.0840** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **39.9570, -33.9720, -12.0840**, and the grayscale version is **17.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **65.3530, 36.0350, 13.2430**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.0430, 33.9720, 12.0840**, and if you desaturate by 10%, it is **21.2490, 30.3960, 10.8120**.

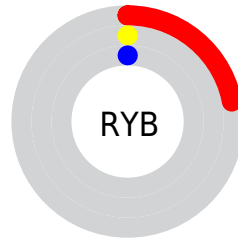
Distribution



Red (22%)

Green (0%)

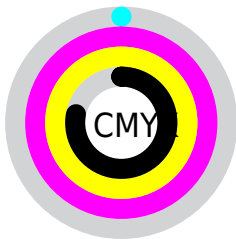
Blue (0%)



Red (22%)

Yellow (0%)

Blue (0%)

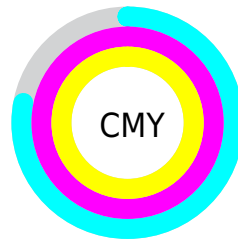


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (78%)



Cyan (78%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 17.0430, 33.9720, 12.0840 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 17.0430, 33.9720, 12.0840 by changing the saturation by 10% instead.

■ 17.0430, 33.9720,
12.0840

■ 17.0430, 33.9720,
12.0840

■ 236.4320, 16.4590,
4.5790

■ 9.6820, 18.7510,
7.0950

■ 65.3530, 36.0350,
13.2430

■ 0.0000, 0.0000,
0.0000

■ 89.4350, 38.7400,
13.7800

■ 115.2180, 40.8490,
14.1050


■ 141.1150, 42.6370,
14.7410


■ 167.8980, 44.7460,
15.0660


■ 195.4960, 45.9380,


15.4900


 216.8040, 33.1470,
10.5150


 17.0430, 33.9720,
12.0840

 21.2490, 30.3960,
10.8120

 24.7540, 27.4160,
9.7520

 28.9600, 23.8400,
8.4800

 33.1660, 20.2640,
7.2080

 37.3720, 16.6880,
5.9360

■ 40.8770, 13.7080,
4.8760

■ 45.0830, 10.1320,
3.6040

■ 49.2890, 6.5560,
2.3320

■ 52.7940, 3.5760,
1.2720

Harmonies

Analogous

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



19.6370, 23.7920, 20.3680



17.0430, 33.9720, 12.0840



20.8090, 25.5830, 4.4230

Triad

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



17.0430, 33.9720, 12.0840



18.7840, -8.8000, -16.7360



23.1450, -27.9690, 5.7830

Complementary

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



17.0430, 33.9720, 12.0840



39.9570, -33.9720, -12.0840

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.



25.1680, -26.7760, 0.6800



17.0430, 33.9720, 12.0840



22.0100, -15.1280, -12.1840

Square

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



17.0430, 33.9720, 12.0840



19.4370, -0.2730, -11.5770



24.4040, -21.8690, -5.6530



20.9720, -19.9920, 9.8960

Rectangle

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



17.0430, 33.9720, 12.0840



22.2270, 18.2940, -1.1460



24.4040, -21.8690, -5.6530



24.0910, -27.8770, 4.1150

Sweetspot

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



17.0430, 33.9720, 12.0840



58.5780, 13.1120, 4.6640



23.2420, 15.0790, 29.5990



28.1860, 8.3440, 2.9680



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



17.0430, 33.9720, 12.0840



22.1260, 44.1040, 15.6880



33.4790, 26.2720, -2.5600



25.8970, 1.7880, 0.6360



27.5080, 54.8320, 19.5040



65.4810, 130.5240, 46.4280

Inverse Universe

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



17.0430, 33.9720, 12.0840



22.1260, 44.1040, 15.6880



23.5210, -26.2720, 2.5600



25.8970, 1.7880, 0.6360



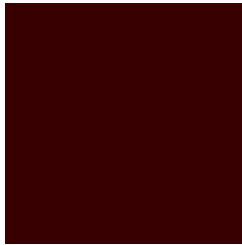
27.5080, 54.8320, 19.5040



65.4810, 130.5240, 46.4280

Previews

White Background



This preview shows how the YIQ color 17.0430, 33.9720, 12.0840 looks on a white background.

Color Contrast Check

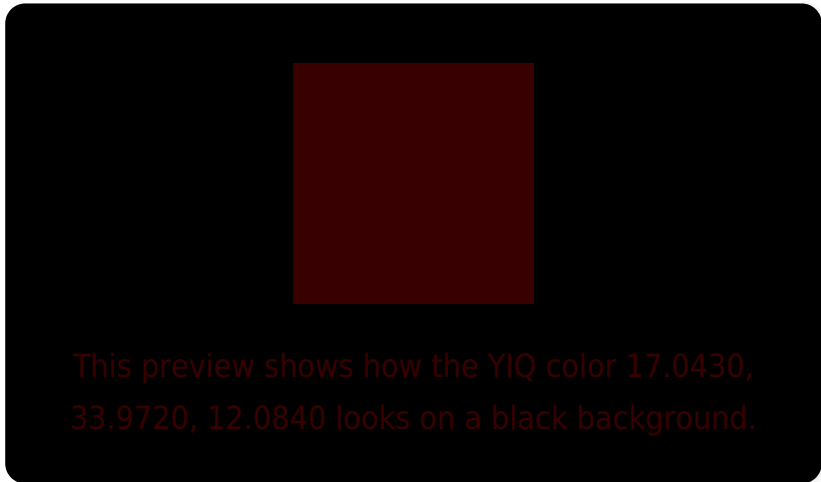
Large Text (above 18pt) WCAG AA ✓ Pass

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

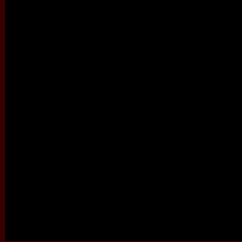
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 17.0430, 33.9720, 12.0840

Background



This preview shows how black text looks on a background with the YIQ color 17.0430, 33.9720, 12.0840.

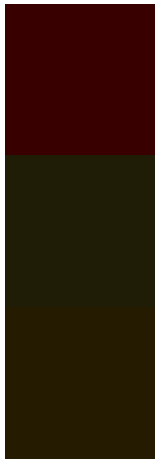


This preview shows how white text looks on a background with the YIQ color 17.0430, 33.9720,

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

17.0430, 33.9720, 12.0840

Protanopia

27.3890, 8.8500, -6.2060

Deuteranopia

26.6130, 14.0310, -6.4890



Tritanopia

19.9780, 32.5970, 9.4690

Trichromacy



Original Color

17.0430, 33.9720, 12.0840

Protanomaly

23.2810, 18.2020, 0.5220

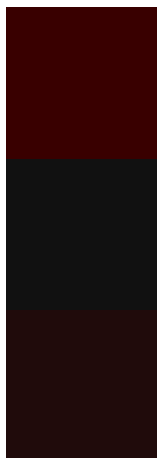
Deuteranomaly

23.1350, 21.5490, 0.4370

Tritanomaly

18.8040, 33.1470, 10.5150

Monochromacy



Original Color

17.0430, 33.9720, 12.0840

Achromatopsia

17.0000, -0.0000, 0.0000

Achromatomaly

17.2790, 12.5160, 4.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 17.0430, 33.9720, 12.0840 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(57, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(57, 0, 0)  
}
```

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(57, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 0, 0) }
```

Border

The CSS property to change the border of an element to YIQ 17.0430, 33.9720, 12.0840 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(57, 0, 0) }
```


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

```
.border{ border-color:rgb(57, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(57, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 0, 0); box-shadow:4px  
4px 4px 4px rgb(57, 0, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 17.0430, 33.9720, 12.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 0, 0) }
```

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

```
.background{ background-color: rgb(57, 0,  
0) }
```

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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