

Converting Colors

YIQ(24.6490, 32.6860, 24.3820)

Have a look what the booklet for
YIQ(24.6490, 32.6860, 24.3820)
contains.

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Color

**YIQ(24.6490, 32.6860,
24.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	47001E
RGB	71, 0, 30
RGB Percent	28%, 0%, 12%
CMY	0.7214, 1.0000, 0.8822
CMYK	0.00, 1.00, 0.58, 0.72
HSL	335°, 100%, 14%
HSV	335°, 100%, 28%
XYZ	2.8367, 1.4353, 1.3576
YIQ	24.6490, 32.6860, 24.3820

Conversions

Conversions Part 2

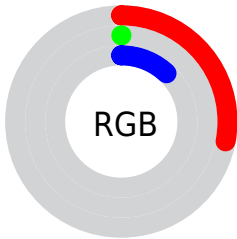
Format	Color
R_{YB}	71, 0, 30
Decimal	4653086
CIE _{Lab}	12.19, 33.58, 2.23
CIE _{LCh}	12, 33.657, 3.794
Yxy	1.4353, 0.5039, 0.2549
Android (android.graphics.Color)	4282843166 (0xFF47001E)
YUV	24.6490, 2.6380, 40.6498
Hunter-Lab	11.9803, 21.3002, 1.6673

Details

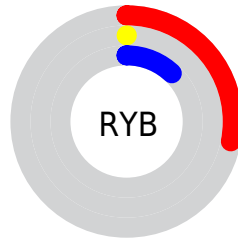
The YIQ color **24.6490, 32.6860, 24.3820** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **46.3510, -32.6860, -24.3820**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **75.9220, 36.1710, 21.7950**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.6490, 32.6860, 24.3820**, and if you desaturate by 10%, it is **29.2140, 29.4770, 21.9650**.

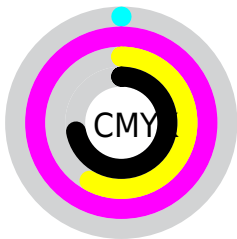
Distribution



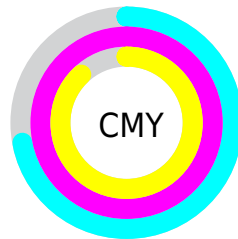
- Red (28%)
- Green (0%)
- Blue (12%)



- Red (28%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (72%)





- Cyan (72%)
- Magenta (100%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 24.6490, 32.6860, 24.3820 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 24.6490, 32.6860, 24.3820 by changing the saturation by 10% instead.

 24.6490, 32.6860,
24.3820


 24.6490, 32.6860,
24.3820


 244.4340, 4.9500,
9.4140


 15.1070, 27.9200,
11.6320


 75.9220, 36.1710,
21.7950

 0.0000, 0.0000,
0.0000

 100.8190, 37.9590,
22.4310

 126.7160, 39.7470,
23.0670

 153.3140, 40.9390,
23.4910

 180.7980, 42.4520,
23.6040

 205.5200, 37.3630,

22.2190

■ 225.1480, 20.6750,
16.2830

■ 24.6490, 32.6860,
24.3820

■ 29.2140, 29.4770,
21.9650

■ 33.7790, 26.2680,
19.5480

■ 38.3440, 23.0590,
17.1310

■ 42.9090, 19.8500,
14.7140

■ 48.1750, 16.0450,
12.0850

■ 52.7400, 12.8360,
9.6680

■ 57.3050, 9.6270,
7.2510

■ 61.8700, 6.4180,
4.8340

■ 66.4350, 3.2090,
2.4170

Harmonies

Analogous

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



29.5640, 16.8680, 24.7080



24.6490, 32.6860, 24.3820



25.4410, 38.6030, 10.7550

Triad

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



24.6490, 32.6860, 24.3820



26.2040, -1.2350, -16.1710



31.3290, -34.4790, 2.6170

Complementary

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



24.6490, 32.6860, 24.3820



46.3510, -32.6860, -24.3820

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.



31.1520, -29.8470, -4.2390



24.6490, 32.6860, 24.3820



24.7510, -13.2010, -19.5770

Square

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



24.6490, 32.6860, 24.3820



30.1460, 13.8480, -8.6800



28.5300, -22.4640, -11.3920



28.9640, -34.7090, 6.7870

Rectangle

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



24.6490, 32.6860, 24.3820



29.1040, 32.0020, 3.7300



28.5300, -22.4640, -11.3920



31.3460, -33.1490, 0.5390

Sweetspot

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



24.6490, 32.6860, 24.3820



73.7400, 12.8360, 9.6680



20.0540, 1.0490, 30.5610



34.8810, 7.8850, 5.7810



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



24.6490, 32.6860, 24.3820



31.9540, 42.3130, 31.6330



24.1640, 40.9410, 12.4370



33.4240, 1.7420, 1.4700



34.3890, 45.5220, 34.0500



78.8170, 104.4760, 77.9800

Inverse Universe

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



24.6490, 32.6860, 24.3820



31.9540, 42.3130, 31.6330



46.8360, -40.9410, -12.4370



33.4240, 1.7420, 1.4700



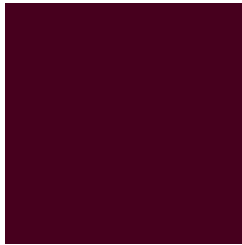
34.3890, 45.5220, 34.0500



78.8170, 104.4760, 77.9800

Previews

White Background



This preview shows how the YIQ color 24.6490, 32.6860, 24.3820 looks on a white background.

Color Contrast Check

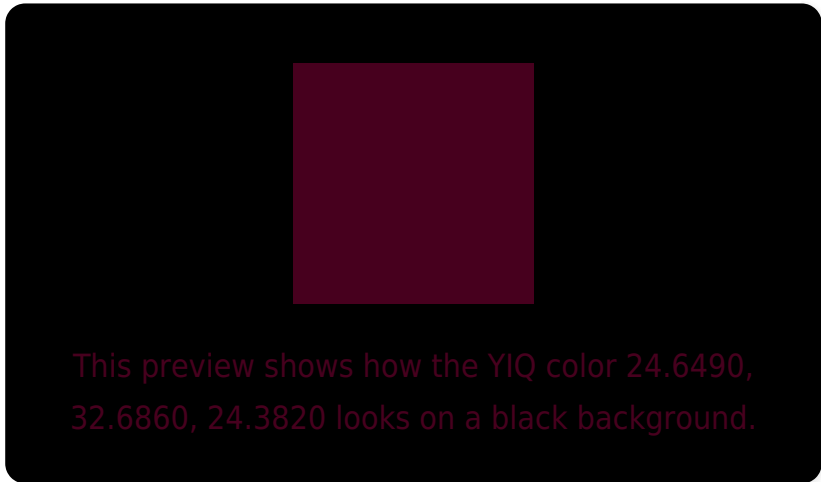
Large Text (above 18pt) WCAG AA ✓ Pass

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

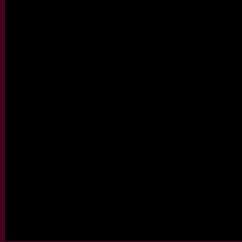
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.6490, 32.6860, 24.3820

Background



This preview shows how black text looks on a background with the YIQ color 24.6490, 32.6860, 24.3820.



This preview shows how white text looks on a background with the YIQ color 24.6490, 32.6860,

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

24.6490, 32.6860, 24.3820

Protanopia

36.6130, -3.1640, 2.2760

Deuteranopia

36.4800, 7.3360, -0.7920



Tritanopia

29.3420, 34.5680, 12.2960

Trichromacy



Original Color

24.6490, 32.6860, 24.3820

Protanomaly

32.2990, 9.7640, 10.2760

Deuteranomaly

31.9530, 16.5500, 8.4380

Tritanomaly

27.7920, 33.4210, 16.5650

Monochromacy



Original Color

24.6490, 32.6860, 24.3820

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.0280, 11.9650, 8.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.6490, 32.6860, 24.3820 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(71, 0, 30)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 30)  
}
```

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(71, 0, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 30) }
```

Border

The CSS property to change the border of an element to YIQ 24.6490, 32.6860, 24.3820 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(71, 0, 30) }
```


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

```
.border{ border-color:rgb(71, 0, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 0, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 0, 30); box-shadow:4px  
4px 4px 4px rgb(71, 0, 30) }
```

Background

The CSS property to change the background color of an element to YIQ 24.6490, 32.6860, 24.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 0, 30) }
```

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

```
.background{ background-color: rgb(71, 0,  
30) }
```

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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