

Converting Colors

YIQ(30.5470, 24.7060, 36.8500)

Have a look what the booklet for
YIQ(30.5470, 24.7060, 36.8500)
contains.

YIQ(30.5470, 24.7060, 36.8500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(30.5470, 24.7060,
36.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	4D0042
RGB	77, 0, 66
RGB Percent	30%, 0%, 26%
CMY	0.6978, 1.0000, 0.7411
CMYK	0.00, 1.00, 0.14, 0.70
HSL	309°, 100%, 15%
HSV	309°, 100%, 30%
XYZ	4.0489, 1.9736, 5.3237
YIQ	30.5470, 24.7060, 36.8500

Conversions

Conversions Part 2

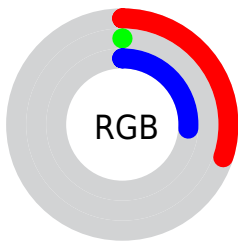
Format	Color
R_{YB}	77, 0, 66
Decimal	5046338
CIE _{Lab}	15.35, 39.50, -19.08
CIE _{LCh}	15, 43.870, 334.214
Yxy	1.9736, 0.3569, 0.1739
Android (android.graphics.Color)	4283236418 (0xFF4D0042)
YUV	30.5470, 17.4783, 40.7393
Hunter-Lab	14.0487, 26.8596, -12.6335

Details

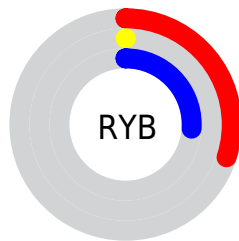
The YIQ color **30.5470, 24.7060, 36.8500** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.4530, -24.7060, -36.8500**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **84.4390, 24.8900, 33.5140**, and **10.9940, 9.3050, 13.0890** is the 20% darker color. If you saturate the color by 10%, you get **30.5470, 24.7060, 36.8500**, and if you desaturate by 10%, it is **35.3570, 22.1850, 32.9770**.

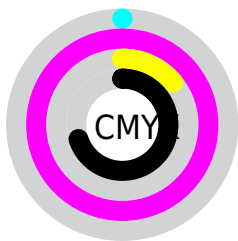
Distribution



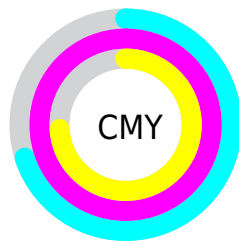
- Red (30%)
- Green (0%)
- Blue (26%)



- Red (30%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (70%)




- Cyan (70%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 30.5470, 24.7060, 36.8500 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 30.5470, 24.7060, 36.8500 by changing the saturation by 10% instead.


 30.5470, 24.7060,
36.8500


 30.5470, 24.7060,
36.8500

 248.5430, 3.0250,
5.7530


 20.8630, 17.4640,
24.9200


 84.4390, 24.8900,
33.5140

 10.9940, 9.3050,
13.0890

 110.1510, 25.7610,
34.2490

 0.0000, 0.0000,
0.0000


 136.1620, 27.2280,
35.1960


 162.9880, 27.7780,
36.2420


 190.7000, 28.6490,
36.9770


 214.5140, 20.3050,


34.0090


 231.5200, 11.0000,
20.9200


 30.5470, 24.7060,
36.8500

 35.3570, 22.1850,
32.9770

 39.5800, 19.9390,
29.6270

 44.3900, 17.4180,
25.7540

 49.2000, 14.8970,
21.8810

 54.1240, 12.0550,
18.3190

■ 58.3470, 9.8090,
14.9690

■ 63.1570, 7.2880,
11.0960

■ 67.9670, 4.7670,
7.2230

■ 72.1900, 2.5210,
3.8730

Harmonies

Analogous

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



37.8840, -13.3920, 22.4480



30.5470, 24.7060, 36.8500



31.0140, 42.0840, 30.2760

Triad

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



30.5470, 24.7060, 36.8500



36.3480, 16.0950, -10.8570



38.2590, -37.4580, -3.9700

Complementary

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



30.5470, 24.7060, 36.8500



46.4530, -24.7060, -36.8500

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.



34.7250, -27.5070, -13.6110



30.5470, 24.7060, 36.8500



29.6930, -7.2860, -22.1500

Square

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



30.5470, 24.7060, 36.8500



35.3060, 34.2490, 1.5530



29.4470, -15.4010, -23.7610



39.5930, -43.9700, 3.9180

Rectangle

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



30.5470, 24.7060, 36.8500



28.2070, 48.5500, 23.2220



29.4470, -15.4010, -23.7610



37.1190, -34.2480, -7.0800

Sweetspot

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



30.5470, 24.7060, 36.8500



81.5210, 9.2590, 13.9230



11.7680, -18.7570, 26.0670



40.0920, 5.9130, 8.4810



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



30.5470, 24.7060, 36.8500



39.2910, 31.7190, 47.4230



26.2150, 36.9040, 25.0320



35.6520, 1.1000, 2.0920



40.4160, 32.8650, 48.6810



91.2280, 73.8430, 110.0270

Inverse Universe

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



30.5470, 24.7060, 36.8500



39.2910, 31.7190, 47.4230



50.7850, -36.9040, -25.0320



35.6520, 1.1000, 2.0920



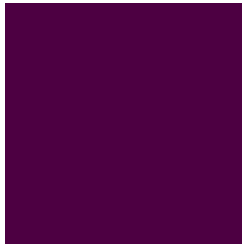
40.4160, 32.8650, 48.6810



91.2280, 73.8430, 110.0270

Previews

White Background



This preview shows how the YIQ color 30.5470, 24.7060, 36.8500 looks on a white background.

Color Contrast Check

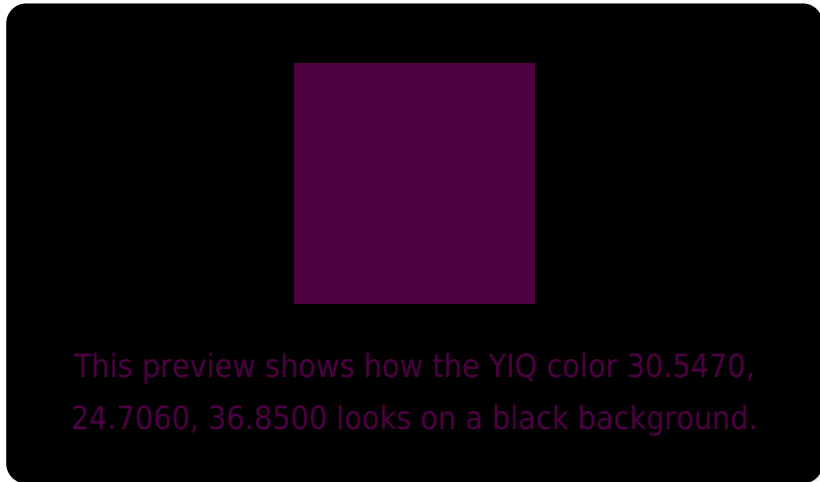
Large Text (above 18pt) WCAG AA ✓ Pass

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

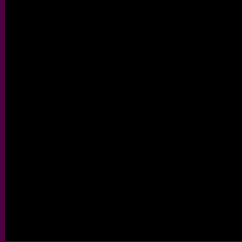
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.5470, 24.7060, 36.8500

Background



This preview shows how black text looks on a background with the YIQ color 30.5470, 24.7060, 36.8500.



This preview shows how white text looks on a background with the YIQ color 30.5470, 24.7060,

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

30.5470, 24.7060, 36.8500

Protanopia

34.0990, -39.5230, 5.9250

Deuteranopia

42.1870, -10.5920, 4.7360



Tritanopia

40.4660, 28.2870, 10.4870

Trichromacy



Original Color

30.5470, 24.7060, 36.8500

Protanomaly

32.7540, -16.1420, 17.2180

Deuteranomaly

37.9810, 2.1520, 16.0720

Tritanomaly

37.0780, 26.8640, 19.7600

Monochromacy



Original Color

30.5470, 24.7060, 36.8500

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.1080, 8.9840, 13.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.5470, 24.7060, 36.8500 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(77, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 66)  
}
```

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(77, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 66) }
```

Border

The CSS property to change the border of an element to YIQ 30.5470, 24.7060, 36.8500 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(77, 0, 66) }
```


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

```
.border{ border-color:rgb(77, 0, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 66); box-shadow:4px  
4px 4px 4px rgb(77, 0, 66) }
```

Background

The CSS property to change the background color of an element to YIQ 30.5470, 24.7060, 36.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 66) }
```

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

```
.background{ background-color: rgb(77, 0,  
66) }
```

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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