

Converting Colors

YIQ(33.3130, 25.4850, 39.2530)

Have a look what the booklet for
YIQ(33.3130, 25.4850, 39.2530)
contains.

YIQ(33.3130, 25.4850, 39.2530)	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(33.3130, 25.4850,
39.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	520148
RGB	82, 1, 72
RGB Percent	32%, 0%, 28%
CMY	0.6782, 0.9962, 0.7176
CMYK	0.00, 0.99, 0.12, 0.68
HSL	307°, 98%, 16%
HSV	307°, 99%, 32%
XYZ	4.6655, 2.2856, 6.3282
YIQ	33.3130, 25.4850, 39.2530

Conversions

Conversions Part 2

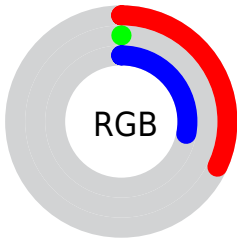
Format	Color
R_{YB}	82, 1, 72
Decimal	5374280
CIE _{Lab}	16.92, 41.18, -20.71
CIE _{LCh}	17, 46.093, 333.298
Yxy	2.2856, 0.3513, 0.1721
Android (android.graphics.Color)	4283564360 (0xFF520148)
YUV	33.3130, 19.0727, 42.6985
Hunter-Lab	15.1181, 28.6293, -14.2352

Details

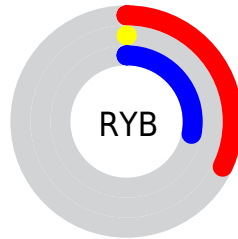
The YIQ color **33.3130, 25.4850, 39.2530** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **49.6870, -25.4850, -39.2530**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.9060, 25.0730, 35.7050**, and **13.6570, 11.8720, 16.1280** is the 20% darker color. If you saturate the color by 10%, you get **32.7260, 25.7600, 39.7760**, and if you desaturate by 10%, it is **38.1230, 22.9640, 35.3800**.

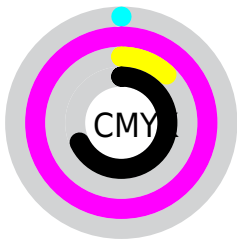
Distribution



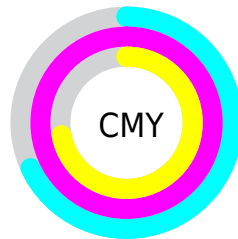
- Red (32%)
- Green (0%)
- Blue (28%)



- Red (32%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (99%)
- Yellow (12%)
- Black (68%)





- Cyan (68%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 33.3130, 25.4850, 39.2530 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 33.3130, 25.4850, 39.2530 by changing the saturation by 10% instead.


 33.3130, 25.4850,
39.2530


 33.3130, 25.4850,
39.2530


 250.3040, 2.2000,
4.1840


 22.6290, 18.2430,
27.3230


 87.9060, 25.0730,
35.7050


 13.6570, 11.8720,
16.1280

 113.9170, 26.5400,
36.6520

 0.0000, 0.0000,
0.0000


 140.5150, 27.7320,
37.0760


 167.3410, 28.2820,
38.1220


 195.0530, 29.1530,
38.8570


 216.8450, 17.8750,


33.9950


 233.2810, 10.1750,
19.3510


 33.3130, 25.4850,
39.2530


 33.3130, 25.4850,
39.2530


 32.7260, 25.7600,
39.7760

 38.1230, 22.9640,
35.3800

 42.9330, 20.4430,
31.5070

 48.3300, 17.6470,
27.1110

 53.1400, 15.1260,
23.2380

 57.9500, 12.6050,
19.3650

■ 62.7600, 10.0840,
15.4920

■ 67.5700, 7.5630,
11.6190

■ 72.9670, 4.7670,
7.2230

■ 77.7770, 2.2460,
3.3500

Harmonies

Analogous

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



40.7420, -15.8680, 23.2680



33.3130, 25.4850, 39.2530



33.2640, 44.3760, 32.7920

Triad

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



33.3130, 25.4850, 39.2530



39.6040, 18.2500, -11.3660



41.1770, -40.1630, -4.5070

Complementary

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



33.3130, 25.4850, 39.2530



49.6870, -25.4850, -39.2530

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.



37.4150, -29.5700, -14.7700



33.3130, 25.4850, 39.2530



32.6500, -5.7270, -22.8710

Square

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



33.3130, 25.4850, 39.2530



38.2740, 37.2750, 1.7790



31.9090, -16.8220, -25.5420



42.6250, -46.9960, 3.6920

Rectangle

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



33.3130, 25.4850, 39.2530



30.4570, 50.8420, 25.7380



31.9090, -16.8220, -25.5420



39.9230, -36.6320, -7.9280

Sweetspot

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



33.3130, 25.4850, 39.2530



87.7600, 10.0840, 15.4920



12.9250, -20.6370, 27.0990



41.9180, 6.4630, 9.5270



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



33.3130, 25.4850, 39.2530



42.7090, 33.5980, 51.9180



28.7530, 38.3250, 26.8130



38.5380, 1.4210, 1.7810



41.8830, 33.0480, 50.8720



92.5100, 73.1090, 112.3170

Inverse Universe

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



33.3130, 25.4850, 39.2530



42.7090, 33.5980, 51.9180



54.2470, -38.3250, -26.8130



38.5380, 1.4210, 1.7810



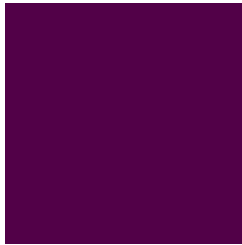
41.8830, 33.0480, 50.8720



92.5100, 73.1090, 112.3170

Previews

White Background



This preview shows how the YIQ color 33.3130, 25.4850, 39.2530 looks on a white background.

Color Contrast Check

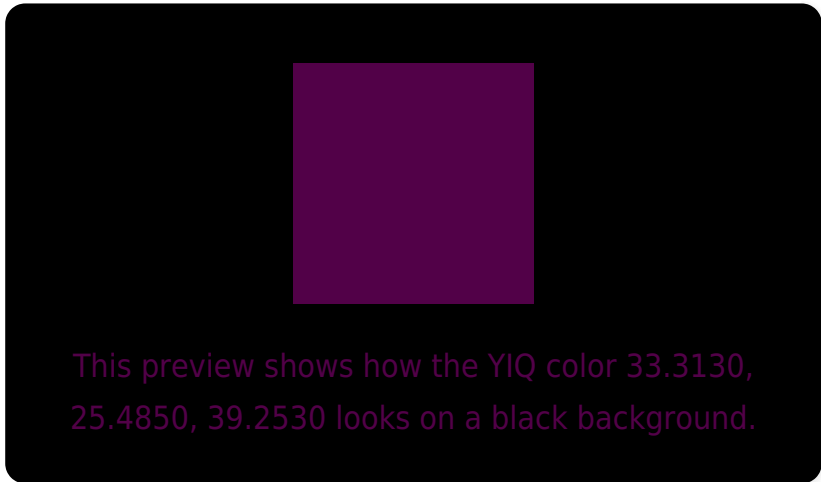
Large Text (above 18pt) WCAG AA ✓ Pass

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

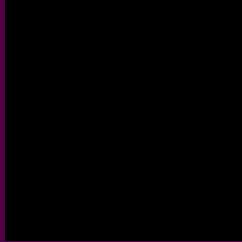
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.3130, 25.4850, 39.2530

Background



This preview shows how black text looks on a background with the YIQ color 33.3130, 25.4850, 39.2530.



This preview shows how white text looks on a background with the YIQ color 33.3130, 25.4850,

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

33.3130, 25.4850, 39.2530

Protanopia

36.5440, -42.2740, 6.2220

Deuteranopia

44.9310, -12.7470, 5.2450



Tritanopia

43.1780, 29.1580, 11.2220

Trichromacy



Original Color

33.3130, 25.4850, 39.2530

Protanomaly

35.2100, -17.4260, 18.4620

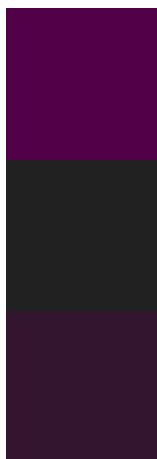
Deuteranomaly

40.7360, 1.4640, 17.5280

Tritanomaly

39.3170, 27.6890, 21.3290

Monochromacy



Original Color

33.3130, 25.4850, 39.2530

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

32.9340, 9.5340, 14.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.3130, 25.4850, 39.2530 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(82, 1, 72)` looks like.

```
.text, #text, p{  
    color:rgb(82, 1, 72)  
}
```

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(82, 1, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 1, 72) }
```

Border

The CSS property to change the border of an element to YIQ 33.3130, 25.4850, 39.2530 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(82, 1, 72) }
```


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

```
.border{ border-color:rgb(82, 1, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 1, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 1, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 1, 72); box-shadow:4px  
4px 4px 4px rgb(82, 1, 72) }
```

Background

The CSS property to change the background color of an element to YIQ 33.3130, 25.4850, 39.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 1, 72) }
```

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

```
.background{ background-color: rgb(82, 1,  
72) }
```

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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