

Converting Colors

YIQ(25.2810, 19.3430, 29.4150)

Have a look what the booklet for
YIQ(25.2810, 19.3430, 29.4150)
contains.

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Color

**YIQ(25.2810, 19.3430,
29.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	3E0136
RGB	62, 1, 54
RGB Percent	24%, 0%, 21%
CMY	0.7567, 0.9962, 0.7882
CMYK	0.00, 0.98, 0.13, 0.76
HSL	308°, 97%, 12%
HSV	308°, 98%, 24%
XYZ	2.6661, 1.3132, 3.6041
YIQ	25.2810, 19.3430, 29.4150

Conversions

Conversions Part 2

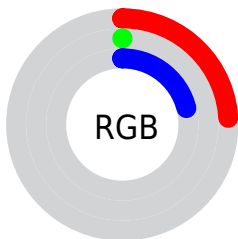
Format	Color
RYB	62, 1, 54
Decimal	4063542
CIELab	11.37, 33.96, -17.03
CIELCh	11, 37.989, 333.365
Yxy	1.3132, 0.3516, 0.1732
Android (android.graphics.Color)	4282253622 (0xFF3E0136)
YUV	25.2810, 14.1585, 32.2026
Hunter-Lab	11.4594, 21.4751, -10.6257

Details

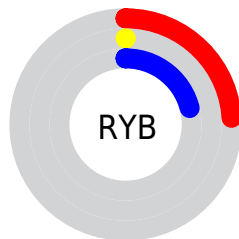
The YIQ color **25.2810, 19.3430, 29.4150** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **37.7190, -19.3430, -29.4150**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **74.9390, 20.3060, 28.4820**, and **0.5700, -1.6050, 1.5550** is the 20% darker color. If you saturate the color by 10%, you get **24.6940, 19.6180, 29.9380**, and if you desaturate by 10%, it is **28.9170, 17.3720, 26.5880**.

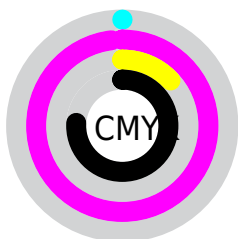
Distribution



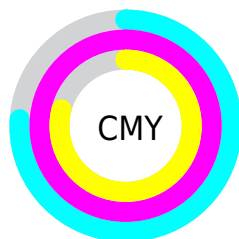
- Red (24%)
- Green (0%)
- Blue (21%)



- Red (24%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (98%)
- Yellow (13%)
- Black (76%)





- Cyan (76%)
- Magenta (100%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 25.2810, 19.3430, 29.4150 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 25.2810, 19.3430, 29.4150 by changing the saturation by 10% instead.


 25.2810, 19.3430,
29.4150


 25.2810, 19.3430,
29.4150

 244.4340, 4.9500,
9.4140


 16.0210, 13.8430,
18.9550


 74.9390, 20.3060,
28.4820


 0.5700, -1.6050,
1.5550

 100.5370, 21.4980,
28.9060

 0.0000, 0.0000,
0.0000


 126.2490, 22.3690,
29.6410


 152.0750, 22.9190,
30.6870


 179.6730, 24.1110,
31.1110


 207.4990, 24.6610,


32.1570


 227.4110, 12.9250,
24.5810


 25.2810, 19.3430,
29.4150


 25.2810, 19.3430,
29.4150

 24.6940, 19.6180,
29.9380

 28.9170, 17.3720,
26.5880

 32.5530, 15.4010,
23.7610

 36.6620, 13.4760,
20.1000

 40.2980, 11.5050,
17.2730

 43.9340, 9.5340,
14.4460

■ 47.5700, 7.5630,
11.6190

■ 51.2060, 5.5920,
8.7920

■ 55.4290, 3.3460,
5.4420

■ 58.9510, 1.6960,
2.3040

Harmonies

Analogous

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



29.4340, -12.2450, 18.1790



25.2810, 19.3430, 29.4150



25.1330, 34.1990, 24.4950

Triad

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



25.2810, 19.3430, 29.4150



28.3740, 13.2060, -8.0580



30.6790, -29.8930, -3.4050

Complementary

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



25.2810, 19.3430, 29.4150



37.7190, -19.3430, -29.4150

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.



28.4160, -22.1430, -11.7030



25.2810, 19.3430, 29.4150



23.2250, -5.7280, -17.3440

Square

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



25.2810, 19.3430, 29.4150



28.1960, 28.7470, 2.1470



23.4800, -11.0000, -20.9200



31.6710, -35.4420, 3.5500

Rectangle

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



25.2810, 19.3430, 29.4150



22.6250, 41.2610, 17.6530



23.4800, -11.0000, -20.9200



29.7670, -27.3250, -5.8930

Sweetspot

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



25.2810, 19.3430, 29.4150



66.8690, 8.1590, 11.8310



10.0470, -15.4090, 20.4550



31.9670, 4.7670, 7.2230



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



25.2810, 19.3430, 29.4150



32.6120, 26.0810, 39.4650



21.8610, 28.9730, 20.0850



29.1250, 1.1460, 1.2580



37.4540, 29.7020, 45.4300



88.3800, 70.3590, 107.0870

Inverse Universe

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



25.2810, 19.3430, 29.4150



32.6120, 26.0810, 39.4650



41.1390, -28.9730, -20.0850



29.1250, 1.1460, 1.2580



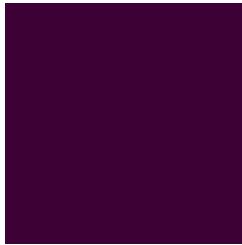
37.4540, 29.7020, 45.4300



88.3800, 70.3590, 107.0870

Previews

White Background



This preview shows how the YIQ color 25.2810, 19.3430, 29.4150 looks on a white background.

Color Contrast Check

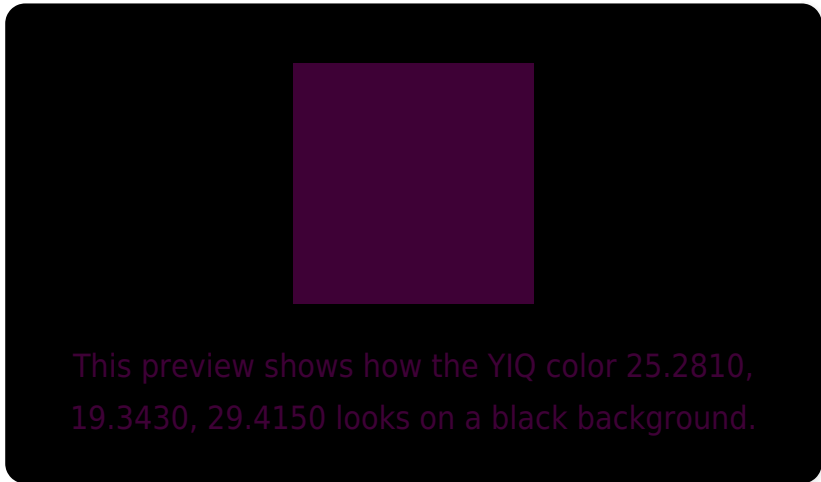
Large Text (above 18pt) WCAG AA ✓ Pass

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

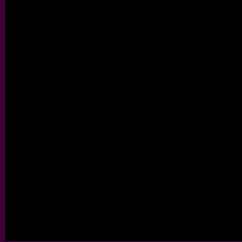
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.2810, 19.3430, 29.4150

Background



This preview shows how black text looks on a background with the YIQ color 25.2810, 19.3430, 29.4150.



This preview shows how white text looks on a background with the YIQ color 25.2810, 19.3430,

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

25.2810, 19.3430, 29.4150

Protanopia

27.4650, -31.8660, 4.8220

Deuteranopia

34.1440, -9.0330, 4.0150



Tritanopia

32.5900, 22.0060, 8.6780

Trichromacy



Original Color

25.2810, 19.3430, 29.4150

Protanomaly

26.6140, -12.9320, 14.1080

Deuteranomaly

30.8020, 1.0980, 13.1460

Tritanomaly

30.0340, 20.9960, 15.9720

Monochromacy



Original Color

25.2810, 19.3430, 29.4150

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

24.8580, 6.6920, 10.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.2810, 19.3430, 29.4150 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(62, 1, 54)` looks like.

```
.text, #text, p{  
    color:rgb(62, 1, 54)  
}
```

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(62, 1, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 1, 54) }
```

Border

The CSS property to change the border of an element to YIQ 25.2810, 19.3430, 29.4150 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(62, 1, 54) }
```


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

```
.border{ border-color:rgb(62, 1, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 1, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 1, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(62, 1, 54); box-shadow:4px  
4px 4px 4px rgb(62, 1, 54) }
```

Background

The CSS property to change the background color of an element to YIQ 25.2810, 19.3430, 29.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 1, 54) }
```

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

```
.background{ background-color: rgb(62, 1,  
54) }
```

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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