

Converting Colors

YIQ(25.8610, 28.9730, 20.0850)

Have a look what the booklet for
YIQ(25.8610, 28.9730, 20.0850)
contains.

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Color

**YIQ(25.8610, 28.9730,
20.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	42051C
RGB	66, 5, 28
RGB Percent	26%, 2%, 11%
CMY	0.7410, 0.9805, 0.8901
CMYK	0.00, 0.92, 0.58, 0.74
HSL	337°, 86%, 14%
HSV	337°, 92%, 26%
XYZ	2.5134, 1.3516, 1.2286
YIQ	25.8610, 28.9730, 20.0850

Conversions

Conversions Part 2

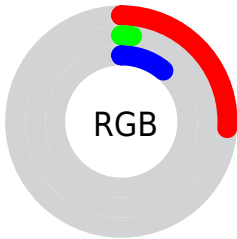
Format	Color
RYB	66, 5, 28
Decimal	4326684
CIELab	11.63, 29.86, 2.78
CIElCh	12, 29.990, 5.324
Yxy	1.3516, 0.4934, 0.2654
Android (android.graphics.Color)	4282516764 (0xFF42051C)
YUV	25.8610, 1.0545, 35.2019
Hunter-Lab	11.6259, 18.2447, 1.8726

Details

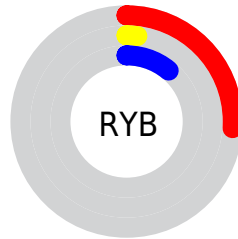
The YIQ color **25.8610, 28.9730, 20.0850** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **45.1390, -28.9730, -20.0850**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **75.0740, 32.6870, 18.8550**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.5840, 31.3110, 21.7670**, and if you desaturate by 10%, it is **30.4260, 25.7640, 17.6680**.

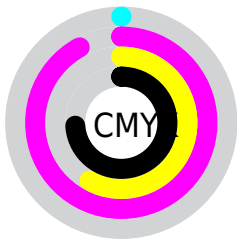
Distribution



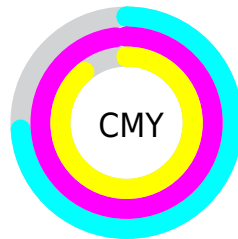
- Red (26%)
- Green (2%)
- Blue (11%)



- Red (26%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (92%)
- Yellow (58%)
- Black (74%)





- Cyan (74%)
- Magenta (98%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 25.8610, 28.9730, 20.0850 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 25.8610, 28.9730, 20.0850 by changing the saturation by 10% instead.

 25.8610, 28.9730,
20.0850


 25.8610, 28.9730,
20.0850


 245.6080, 4.4000,
8.3680


 13.5690, 26.4990,
9.8510


 75.0740, 32.6870,
18.8550

 0.0000, 0.0000,
0.0000

 99.9710, 34.4750,
19.4910


 125.4550, 35.9880,
19.6040


 152.0530, 37.1800,
20.0280


 179.0640, 38.6470,
20.9750


 205.7650, 38.0510,


20.7630


 225.3930, 21.3630,
14.8270


 25.8610, 28.9730,
20.0850


 25.8610, 28.9730,
20.0850


 22.5840, 31.3110,
21.7670

 30.4260, 25.7640,
17.6680

 34.4040, 22.8300,
15.7740

 38.9690, 19.6210,
13.3570

 42.9470, 16.6870,
11.4630

 47.6260, 13.1570,
9.3570

■ 52.1910, 9.9480,
6.9400

■ 56.1690, 7.0140,
5.0460

■ 60.7340, 3.8050,
2.6290

■ 64.7120, 0.8710,
0.7350

Harmonies

Analogous

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



29.2710, 16.1350, 21.4710



25.8610, 28.9730, 20.0850



26.4080, 34.2020, 7.9140

Triad

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



25.8610, 28.9730, 20.0850



25.9160, -0.3640, -15.4360



29.4710, -32.0030, 1.7970

Complementary

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



25.8610, 28.9730, 20.0850



45.1390, -28.9730, -20.0850

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.



29.6360, -28.3340, -4.1260



25.8610, 28.9730, 20.0850



24.0330, -13.9350, -17.2870

Square

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



25.8610, 28.9730, 20.0850



28.9610, 12.9310, -8.5810



27.3560, -21.9140, -10.3460



26.9920, -31.9120, 5.6560

Rectangle

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



25.8610, 28.9730, 20.0850



28.7830, 28.4720, 1.6240



27.3560, -21.9140, -10.3460



29.7160, -31.3150, 0.3410

Sweetspot

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



25.8610, 28.9730, 20.0850



70.6150, 11.6900, 8.4100



23.3160, 3.0670, 27.0270



33.7560, 6.7390, 4.5230



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



25.8610, 28.9730, 20.0850



29.7750, 41.2590, 28.7070



27.3480, 34.4310, 9.2710



31.0110, 1.4670, 0.9470



33.2210, 45.9350, 32.0710



76.6660, 106.2190, 73.9230

Inverse Universe

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



25.8610, 28.9730, 20.0850



29.7750, 41.2590, 28.7070



43.6520, -34.4310, -9.2710



31.0110, 1.4670, 0.9470



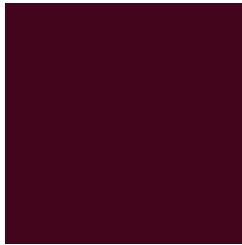
33.2210, 45.9350, 32.0710



76.6660, 106.2190, 73.9230

Previews

White Background



This preview shows how the YIQ color 25.8610, 28.9730, 20.0850 looks on a white background.

Color Contrast Check

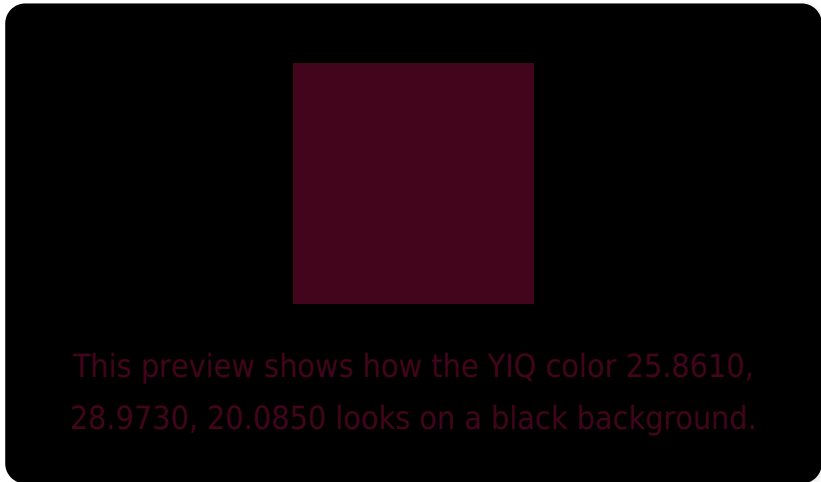
Large Text (above 18pt) WCAG AA ✓ Pass

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

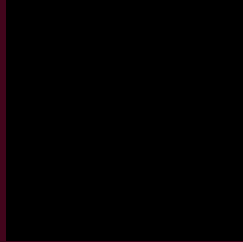
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.8610, 28.9730, 20.0850

Background



This preview shows how black text looks on a background with the YIQ color 25.8610, 28.9730, 20.0850.



This preview shows how white text looks on a background with the YIQ color 25.8610, 28.9730,

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

25.8610, 28.9730, 20.0850

Protanopia

34.3850, -2.5220, 1.6540

Deuteranopia

34.1810, 6.7400, -1.0040



Tritanopia

27.8470, 31.5880, 11.2360

Trichromacy



Original Color

25.8610, 28.9730, 20.0850

Protanomaly

31.0600, 8.9390, 8.7070

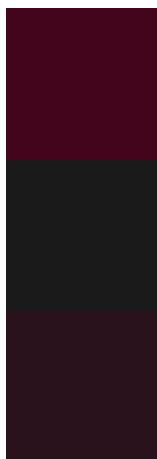
Deuteranomaly

31.1160, 14.5330, 6.4450

Tritanomaly

26.7700, 30.4870, 14.6710

Monochromacy



Original Color

25.8610, 28.9730, 20.0850

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.9030, 10.8190, 7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.8610, 28.9730, 20.0850 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(66, 5, 28)` looks like.

```
.text, #text, p{  
    color:rgb(66, 5, 28)  
}
```

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(66, 5, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 5, 28) }
```

Border

The CSS property to change the border of an element to YIQ 25.8610, 28.9730, 20.0850 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(66, 5, 28) }
```


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

```
.border{ border-color:rgb(66, 5, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 5, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 5, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 5, 28); box-shadow:4px  
4px 4px 4px rgb(66, 5, 28) }
```

Background

The CSS property to change the background color of an element to YIQ 25.8610, 28.9730, 20.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 5, 28) }
```

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

```
.background{ background-color: rgb(66, 5,  
28) }
```

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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