

Converting Colors

YIQ(25.2920, 38.0050, 21.5970)

Have a look what the booklet for
YIQ(25.2920, 38.0050, 21.5970)
contains.

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Color

**YIQ(25.2920, 38.0050,
21.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0114
RGB	75, 1, 20
RGB Percent	29%, 0%, 8%
CMY	0.7057, 0.9962, 0.9214
CMYK	0.00, 0.99, 0.73, 0.71
HSL	345°, 97%, 15%
HSV	345°, 99%, 29%
XYZ	3.0425, 1.5695, 0.8060
YIQ	25.2920, 38.0050, 21.5970

Conversions

Conversions Part 2

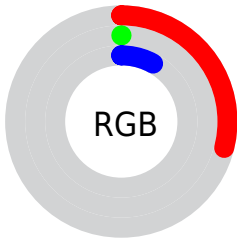
Format	Color
RYB	75, 1, 20
Decimal	4915476
CIELab	13.04, 33.57, 10.96
CIELCh	13, 35.316, 18.078
Yxy	1.5695, 0.5616, 0.2897
Android (android.graphics.Color)	4283105556 (0xFF4B0114)
YUV	25.2920, -2.6090, 43.5939
Hunter-Lab	12.5278, 21.4268, 4.9548

Details

The YIQ color **25.2920, 38.0050, 21.5970** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **50.7080, -38.0050, -21.5970**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **76.7500, 42.4070, 18.9110**, and **2.6910, 5.3640, 1.9080** is the 20% darker color. If you saturate the color by 10%, you get **24.5910, 38.6010, 21.8090**, and if you desaturate by 10%, it is **30.0850, 34.1540, 19.8020**.

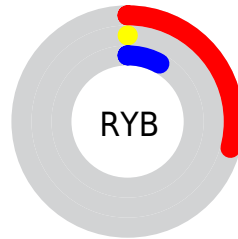
Distribution



Red (29%)

Green (0%)

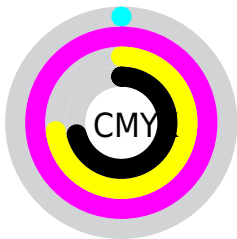
Blue (8%)



Red (29%)

Yellow (0%)

Blue (8%)

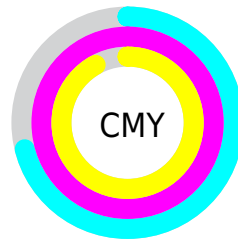


Cyan (0%)

Magenta (99%)

Yellow (73%)

Black (71%)



Cyan (71%)


Magenta (100%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 25.2920, 38.0050, 21.5970 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 25.2920, 38.0050, 21.5970 by changing the saturation by 10% instead.


 25.2920, 38.0050,
21.5970


 25.2920, 38.0050,
21.5970

 244.3540, 7.9310,
4.9470


 15.2490, 30.3960,
10.8120


 76.7500, 42.4070,
18.9110


 2.6910, 5.3640,
1.9080

 102.4190, 44.8370,
18.9250

 0.0000, 0.0000,
0.0000


 128.2020, 46.9460,
19.2500


 155.0990, 48.7340,
19.8860


 181.9960, 50.5220,
20.5220


 205.0980, 41.3070,


16.8190


 224.6120, 24.9400,
10.5720


 25.2920, 38.0050,
21.5970

 25.2920, 38.0050,
21.5970


 24.5910, 38.6010,
21.8090

 30.0850, 34.1540,
19.8020

 35.3510, 30.3490,
17.1730

 40.1440, 26.4980,
15.3780

 45.4100, 22.6930,
12.7490

 50.2030, 18.8420,
10.9540

■ 55.4690, 15.0370,
8.3250

■ 60.8490, 10.9110,
6.0070

■ 65.6420, 7.0600,
4.2120

■ 70.9080, 3.2550,
1.5830

Harmonies

Analogous

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



27.4190, 27.6420, 27.6900



25.2920, 38.0050, 21.5970



29.7240, 36.1280, 6.0480

Triad

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



25.2920, 38.0050, 21.5970



24.0670, -11.2750, -21.4430



32.8280, -37.3220, 4.5820

Complementary

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



25.2920, 38.0050, 21.5970



50.7080, -38.0050, -21.5970

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.



33.2210, -34.2950, -0.7190



25.2920, 38.0050, 21.5970



28.4500, -19.4830, -15.8590

Square

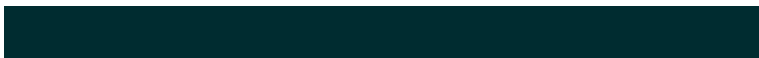
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.2920, 38.0050, 21.5970



30.3900, 7.1090, -13.2030



31.3000, -27.5080, -8.0840



28.0180, -34.8010, 8.4550

Rectangle

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



25.2920, 38.0050, 21.5970



31.7180, 27.0970, -0.9910



31.3000, -27.5080, -8.0840



33.0730, -36.6340, 3.1260

Sweetspot

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



25.2920, 38.0050, 21.5970



77.4690, 15.0370, 8.3250



25.5820, 8.4300, 34.4620



36.5390, 8.8480, 4.8480



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



25.2920, 38.0050, 21.5970



31.8530, 49.7870, 28.3390



33.1050, 39.4290, 6.7970



35.3100, 2.0630, 1.1590



33.4620, 52.4460, 29.7100



75.4960, 118.1410, 67.1090

Inverse Universe

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



25.2920, 38.0050, 21.5970



31.8530, 49.7870, 28.3390



42.8950, -39.4290, -6.7970



35.3100, 2.0630, 1.1590



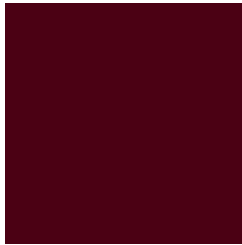
33.4620, 52.4460, 29.7100



75.4960, 118.1410, 67.1090

Previews

White Background



This preview shows how the YIQ color 25.2920, 38.0050, 21.5970 looks on a white background.

Color Contrast Check

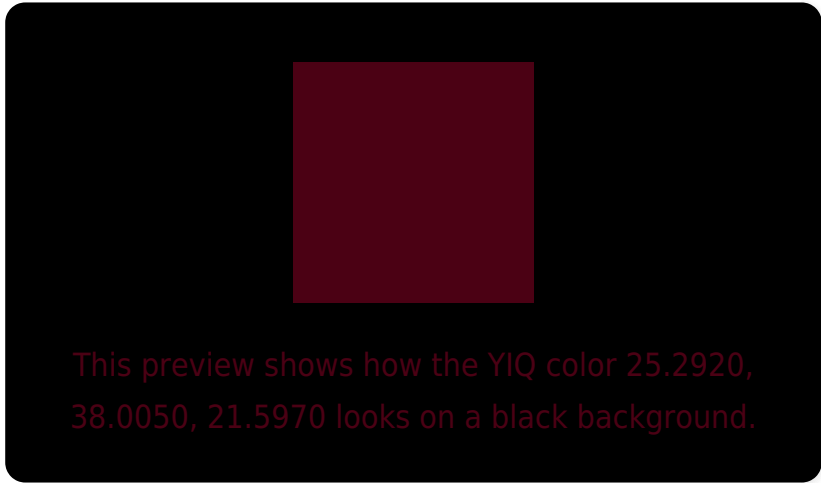
Large Text (above 18pt) WCAG AA ✓ Pass

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

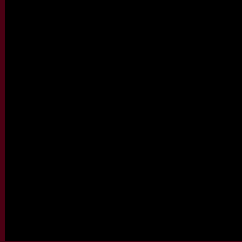
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.2920, 38.0050, 21.5970

Background



This preview shows how black text looks on a background with the YIQ color 25.2920, 38.0050, 21.5970.



This preview shows how white text looks on a background with the YIQ color 25.2920, 38.0050,

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

25.2920, 38.0050, 21.5970

Protanopia

37.9850, 4.3560, -1.8520

Deuteranopia

37.0090, 12.9760, -3.8880



Tritanopia

27.8050, 40.5740, 13.5820

Trichromacy



Original Color

25.2920, 38.0050, 21.5970

Protanomaly

33.4860, 16.3670, 6.2470

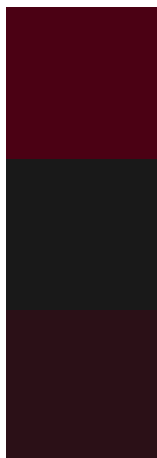
Deuteranomaly

32.4820, 22.1900, 5.3420

Tritanomaly

26.6140, 39.7940, 16.7060

Monochromacy



Original Color

25.2920, 38.0050, 21.5970

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

24.8710, 13.8450, 7.9010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.2920, 38.0050, 21.5970 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(75, 1, 20)` looks like.

```
.text, #text, p{  
    color:rgb(75, 1, 20)  
}
```

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(75, 1, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 1, 20) }
```

Border

The CSS property to change the border of an element to YIQ 25.2920, 38.0050, 21.5970 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(75, 1, 20) }
```


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

```
.border{ border-color:rgb(75, 1, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 1, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 1, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 1, 20); box-shadow:4px  
4px 4px 4px rgb(75, 1, 20) }
```

Background

The CSS property to change the background color of an element to YIQ 25.2920, 38.0050, 21.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 1, 20) }
```

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

```
.background{ background-color: rgb(75, 1,  
20) }
```

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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