

Converting Colors

YIQ(25.2950, 15.5870, 9.3710)

Have a look what the booklet for
YIQ(25.2950, 15.5870, 9.3710)
contains.

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Color

**YIQ(25.2950, 15.5870,
9.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	2E0F18
RGB	46, 15, 24
RGB Percent	18%, 6%, 9%
CMY	0.8195, 0.9412, 0.9058
CMYK	0.00, 0.67, 0.48, 0.82
HSL	343°, 51%, 12%
HSV	343°, 67%, 18%
XYZ	1.4633, 0.9886, 0.9786
YIQ	25.2950, 15.5870, 9.3710

Conversions

Conversions Part 2

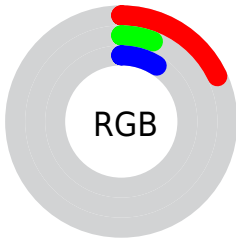
Format	Color
R_{YB}	46, 15, 24
Decimal	3018520
CIE Lab	8.90, 17.07, 1.34
CIE LCh	9, 17.126, 4.493
Yxy	0.9886, 0.4266, 0.2882
Android (android.graphics.Color)	4281208600 (0xFF2E0F18)
YUV	25.2950, -0.6384, 18.1583
Hunter-Lab	9.9428, 8.8698, 1.1244

Details

The YIQ color **25.2950, 15.5870, 9.3710** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **35.7050, -15.5870, -9.3710**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **69.7900, 18.5670, 10.4310**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.0180, 17.9250, 11.0530**, and if you desaturate by 10%, it is **28.5720, 13.2490, 7.6890**.

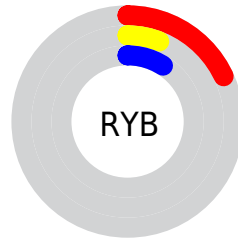
Distribution



 Red (18%)

 Green (6%)

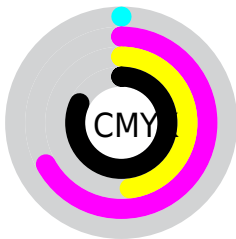
 Blue (9%)



 Red (18%)

 Yellow (6%)

 Blue (9%)

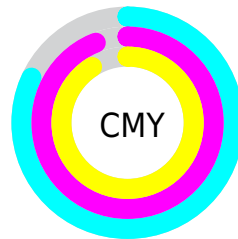


 Cyan (0%)

 Magenta (67%)

 Yellow (48%)

 Black (82%)



 Cyan (82%)

 Magenta (94%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.2950, 15.5870, 9.3710 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 25.2950, 15.5870, 9.3710 by changing the saturation by 10% instead.

■ 25.2950, 15.5870,
9.3710

■ 25.2950, 15.5870,
9.3710

■ 245.6250, 5.7300,
6.2900

■ 7.5890, 14.5790,
5.6110

■ 69.7900, 18.5670,
10.4310

■ 0.0000, 0.0000,
0.0000

■ 93.3880, 19.7590,
10.8550

■ 118.5730, 20.6760,
10.7560

■ 144.2850, 21.5470,
11.4910

■ 170.8830, 22.7390,
11.9150

■ 198.1820, 23.3350,

12.1270

■ 225.8830, 22.7390,
11.9150

■ 25.2950, 15.5870,
9.3710

■ 25.2950, 15.5870,
9.3710

■ 22.0180, 17.9250,
11.0530

■ 28.5720, 13.2490,
7.6890

■ 19.2140, 20.3090,
11.9010

■ 31.3760, 10.8650,
6.8410

■ 15.9370, 22.6470,
13.5830

■ 34.6530, 8.5270,
5.1590

■ 15.2360, 23.2430,
13.7950

■ 37.3430, 6.4640,
4.0000

■ 40.6200, 4.1260,
2.3180

■ 44.0110, 1.4670,
0.9470

■ 46.7010, -0.5960,
-0.2120

■ 49.9780, -2.9340,
-1.8940

■ 52.6680, -4.9970,
-3.0530

Harmonies

Analogous

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



26.2280, 8.5260, 10.6860



25.2950, 15.5870, 9.3710



24.8730, 19.5310, 3.9710

Triad

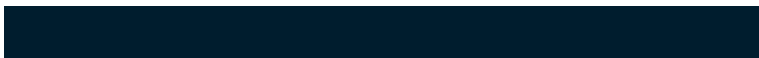
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.2950, 15.5870, 9.3710



22.4160, 4.2200, -10.4040



22.2670, -22.7410, -0.8610

Complementary

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



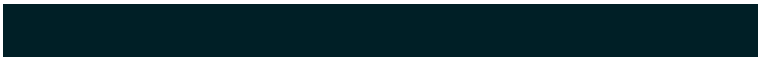
25.2950, 15.5870, 9.3710



35.7050, -15.5870, -9.3710

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.



22.5290, -20.7230, -4.3950



25.2950, 15.5870, 9.3710



19.6790, -12.6980, -12.1700

Square

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



25.2950, 15.5870, 9.3710



24.2430, 12.1970, -6.2910



21.2750, -17.1920, -7.8160



22.5280, -18.9820, 2.6020

Rectangle

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



25.2950, 15.5870, 9.3710



24.0100, 20.4030, -0.8210



21.2750, -17.1920, -7.8160



22.6260, -22.3740, -2.0060

Sweetspot

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



25.2950, 15.5870, 9.3710



50.9300, 6.1890, 3.4770



25.1120, 3.1610, 14.3050



25.6200, 4.1260, 2.3180



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



25.2950, 15.5870, 9.3710



26.9480, 24.1140, 14.5300



27.7910, 16.8260, 3.4340



21.5980, 1.1920, 0.4240



28.8630, 43.8270, 26.2190



71.0540, 107.6420, 64.6500

Inverse Universe

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



25.2950, 15.5870, 9.3710



26.9480, 24.1140, 14.5300



33.2090, -16.8260, -3.4340



21.5980, 1.1920, 0.4240



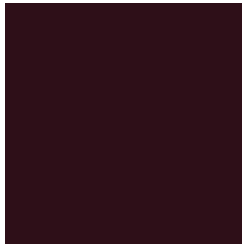
28.8630, 43.8270, 26.2190



71.0540, 107.6420, 64.6500

Previews

White Background



This preview shows how the YIQ color 25.2950, 15.5870, 9.3710 looks on a white background.

Color Contrast Check

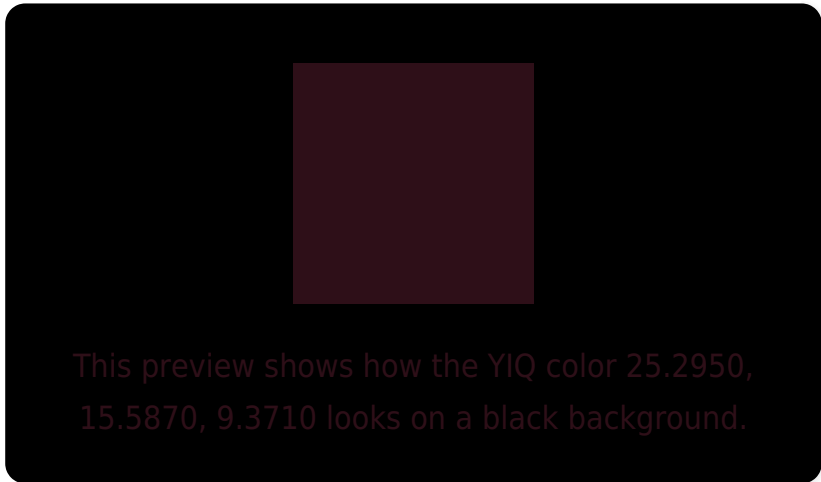
Large Text (above 18pt) WCAG AA ✓ Pass

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

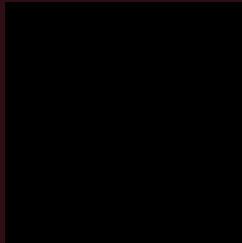
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.2950, 15.5870, 9.3710

Background



This preview shows how black text looks on a background with the YIQ color 25.2950, 15.5870, 9.3710.



This preview shows how white text looks on a background with the YIQ color 25.2950, 15.5870,

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

25.2950, 15.5870, 9.3710

Protanopia

26.4560, -1.2840, 1.2440

Deuteranopia

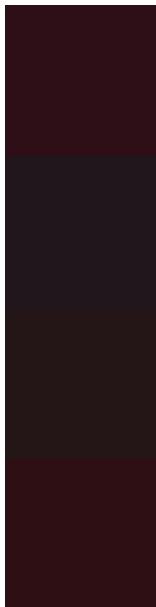
27.1530, 3.9430, 0.1270



Tritanopia

25.0840, 17.5590, 6.6710

Trichromacy



Original Color

25.2950, 15.5870, 9.3710

Protanomaly

25.9730, 4.6300, 4.1980

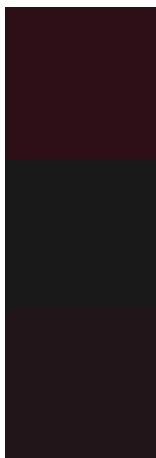
Deuteranomaly

26.3000, 8.0230, 3.2790

Tritanomaly

25.4260, 16.5960, 7.6040

Monochromacy



Original Color

25.2950, 15.5870, 9.3710

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.0440, 5.8680, 3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.2950, 15.5870, 9.3710 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(46, 15, 24)` looks like.

```
.text, #text, p{  
    color:rgb(46, 15, 24)  
}
```

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(46, 15, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 15, 24) }
```

Border

The CSS property to change the border of an element to YIQ 25.2950, 15.5870, 9.3710 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(46, 15, 24) }
```


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

```
.border{ border-color:rgb(46, 15, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 15, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 15, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 15, 24);  
box-shadow:4px 4px 4px 4px rgb(46, 15, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.2950, 15.5870, 9.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 15, 24) }
```

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

```
.background{ background-color: rgb(46, 15,  
24) }
```

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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