

Converting Colors

YIQ(25.9400, 35.7600, 12.7200)

Have a look what the booklet for
YIQ(25.9400, 35.7600, 12.7200)
contains.

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Color

**YIQ(25.9400, 35.7600,
12.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	440808
RGB	68, 8, 8
RGB Percent	27%, 3%, 3%
CMY	0.7332, 0.9687, 0.9685
CMYK	0.00, 0.88, 0.88, 0.73
HSL	360°, 79%, 15%
HSV	360°, 88%, 27%
XYZ	2.5170, 1.4210, 0.3724
YIQ	25.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

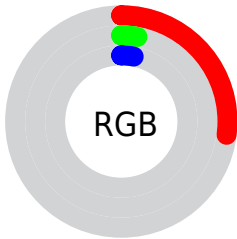
Format	Color
RYB	68, 8, 8
Decimal	4458504
CIELab	12.10, 27.93, 15.53
CIELCh	12, 31.956, 29.077
Yxy	1.4210, 0.5839, 0.3297
Android (android.graphics.Color)	4282648584 (0xFF440808)
YUV	25.9400, -8.8444, 36.8866
Hunter-Lab	11.9205, 16.8296, 6.4922

Details

The YIQ color **25.9400, 35.7600, 12.7200** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **50.0600, -35.7600, -12.7200**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **75.0930, 39.7030, 12.8470**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.0330, 39.9320, 14.2040**, and if you desaturate by 10%, it is **30.8470, 31.5880, 11.2360**.

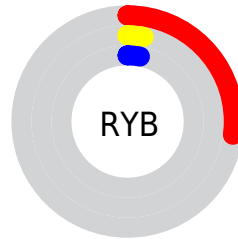
Distribution



Red (27%)

Green (3%)

Blue (3%)



Red (27%)

Yellow (3%)

Blue (3%)

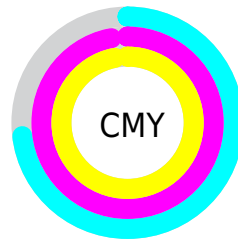


Cyan (0%)

Magenta (88%)

Yellow (88%)

Black (73%)



Cyan (73%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.9400, 35.7600, 12.7200 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 25.9400, 35.7600, 12.7200 by changing the saturation by 10% instead.

■ 25.9400, 35.7600,
12.7200

■ 25.9400, 35.7600,
12.7200

■ 244.1600, 11.2330,
0.1690

■ 13.4550, 26.8200,
9.5400

■ 75.0930, 39.7030,
12.8470

■ 0.0000, 0.0000,
0.0000

■ 99.7620, 42.1330,
12.8610


■ 125.5450, 44.2420,
13.1860


■ 151.7410, 46.6260,
14.0340


■ 179.2250, 48.1390,
14.1470


■ 204.3170, 44.8840,


12.5640


 223.9450, 28.1960,
6.6280


 25.9400, 35.7600,
12.7200


 25.9400, 35.7600,
12.7200


 21.0330, 39.9320,
14.2040


 30.8470, 31.5880,
11.2360

 20.3320, 40.5280,
14.4160

 35.7540, 27.4160,
9.7520

 39.9600, 23.8400,
8.4800

 44.8670, 19.6680,
6.9960

 49.7740, 15.4960,
5.5120

■ 54.6810, 11.3240,
4.0280

■ 59.5880, 7.1520,
2.5440

■ 63.7940, 3.5760,
1.2720

■ 68.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



25.8550, 29.1100, 23.1100



25.9400, 35.7600, 12.7200



29.6690, 28.7930, 1.3130

Triad

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



25.9400, 35.7600, 12.7200



23.7080, -11.6420, -20.2980



29.2090, -34.0210, 5.3310

Complementary

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



25.9400, 35.7600, 12.7200



50.0600, -35.7600, -12.7200

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.



30.8730, -33.1950, 1.3730



25.9400, 35.7600, 12.7200



27.4870, -20.9050, -12.1130

Square

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



25.9400, 35.7600, 12.7200



27.1120, 2.0200, -14.5880



30.1090, -28.2880, -4.9600



31.4290, -13.8490, 14.2070

Rectangle

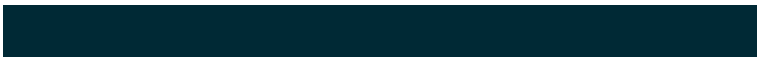
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.9400, 35.7600, 12.7200



30.4890, 20.3120, -4.6800



30.1090, -28.2880, -4.9600



30.2690, -34.2500, 3.9740

Sweetspot

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



25.9400, 35.7600, 12.7200



72.8770, 13.7080, 4.8760



32.4810, 15.9040, 31.1680



36.1860, 8.3440, 2.9680



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



25.9400, 35.7600, 12.7200



26.6110, 53.0440, 18.8680



42.9630, 27.7850, -2.4470



30.8970, 1.7880, 0.6360



29.0030, 57.8120, 20.5640



66.9760, 133.5040, 47.4880

Inverse Universe

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



25.9400, 35.7600, 12.7200



26.6110, 53.0440, 18.8680



33.0370, -27.7850, 2.4470



30.8970, 1.7880, 0.6360



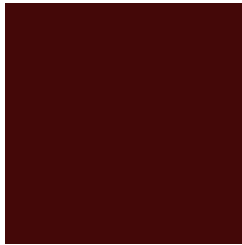
29.0030, 57.8120, 20.5640



66.9760, 133.5040, 47.4880

Previews

White Background



This preview shows how the YIQ color 25.9400, 35.7600, 12.7200 looks on a white background.

Color Contrast Check

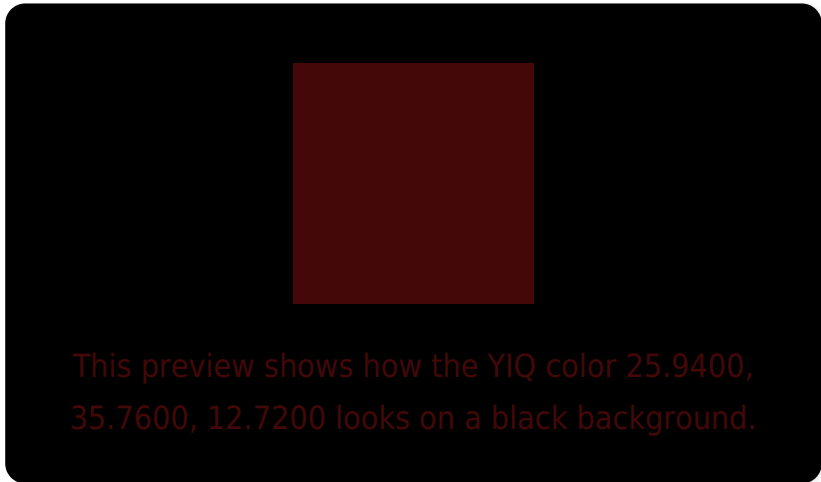
Large Text (above 18pt) WCAG AA ✓ Pass

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

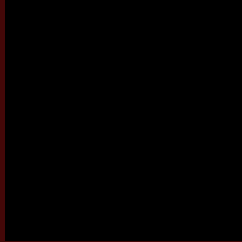
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.9400, 35.7600, 12.7200

Background



This preview shows how black text looks on a background with the YIQ color 25.9400, 35.7600, 12.7200.

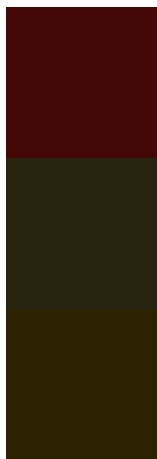


This preview shows how white text looks on a background with the YIQ color 25.9400, 35.7600,

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

25.9400, 35.7600, 12.7200

Protanopia

33.8020, 9.1250, -5.6830

Deuteranopia

32.5270, 17.1490, -7.9310



Tritanopia

25.7120, 36.4020, 12.0980

Trichromacy



Original Color

25.9400, 35.7600, 12.7200

Protanomaly

30.9930, 19.0730, 1.2570

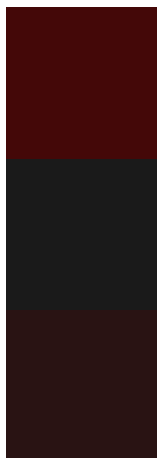
Deuteranomaly

30.2770, 24.0250, -0.3830

Tritanomaly

25.8260, 36.0810, 12.4090

Monochromacy



Original Color

25.9400, 35.7600, 12.7200

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.5780, 13.1120, 4.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.9400, 35.7600, 12.7200 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(68, 8, 8)` looks like.

```
.text, #text, p{  
    color:rgb(68, 8, 8)  
}
```

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(68, 8, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 8, 8) }
```

Border

The CSS property to change the border of an element to YIQ 25.9400, 35.7600, 12.7200 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(68, 8, 8) }
```


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

```
.border{ border-color:rgb(68, 8, 8) }
```

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

Here you see how a box with a 4 pixel rgb(68, 8, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 8, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(68, 8, 8); box-shadow:4px  
4px 4px 4px rgb(68, 8, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 25.9400, 35.7600, 12.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 8, 8) }
```

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

```
.background{ background-color: rgb(68, 8,  
8) }
```

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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