

Converting Colors

YIQ(25.7800, 15.3590, 2.4870)

Have a look what the booklet for
YIQ(25.7800, 15.3590, 2.4870)
contains.

YIQ(25.7800, 15.3590, 2.4870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(25.7800, 15.3590,
2.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	2A140D
RGB	42, 20, 13
RGB Percent	16%, 8%, 5%
CMY	0.8352, 0.9216, 0.9490
CMYK	0.00, 0.52, 0.69, 0.84
HSL	14°, 53%, 11%
HSV	14°, 69%, 16%
XYZ	1.2781, 1.0216, 0.5112
YIQ	25.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

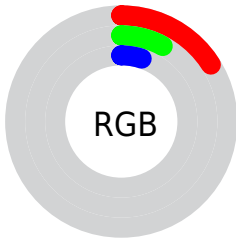
Format	Color
RYB	42, 22, 13
Decimal	2757645
CIELab	9.17, 10.41, 8.50
CIELCh	9, 13.437, 39.235
Yxy	1.0216, 0.4547, 0.3634
Android (android.graphics.Color)	4280947725 (0xFF2A140D)
YUV	25.7800, -6.3005, 14.2249
Hunter-Lab	10.1074, 4.8838, 4.0766

Details

The YIQ color **25.7800, 15.3590, 2.4870** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29.2200, -15.3590, -2.4870**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **69.9760, 17.7430, 3.3350**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.5630, 17.4680, 2.8120**, and if you desaturate by 10%, it is **27.9970, 13.2500, 2.1620**.

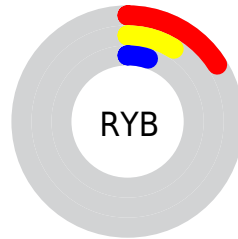
Distribution



Red (16%)

Green (8%)

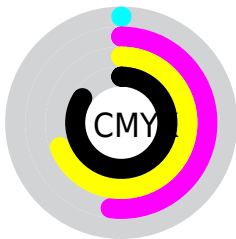
Blue (5%)



Red (16%)

Yellow (9%)

Blue (5%)

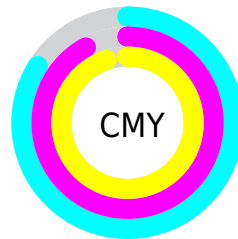


Cyan (0%)

Magenta (52%)

Yellow (69%)

Black (84%)



Cyan (84%)

Magenta (92%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.7800, 15.3590, 2.4870 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 25.7800, 15.3590, 2.4870 by changing the saturation by 10% instead.

■ 25.7800, 15.3590,
2.4870

■ 25.7800, 15.3590,
2.4870

■ 247.0780, 8.5280,
-0.3680

■ 5.0830, 10.1320,
3.6040

■ 69.9760, 17.7430,
3.3350

■ 0.0000, 0.0000,
0.0000

■ 93.5740, 18.9350,
3.7590

■ 118.1720, 20.1270,
4.1830


■ 144.0580, 20.4480,
3.8720


■ 170.6560, 21.6400,
4.2960


■ 197.9550, 22.2360,


4.5080


 226.1400, 23.1530,
4.4090


 25.7800, 15.3590,
2.4870


 25.7800, 15.3590,
2.4870


 23.5630, 17.4680,
2.8120

 27.9970, 13.2500,
2.1620


 21.3460, 19.5770,
3.1370

 30.2140, 11.1410,
1.8370

 18.4280, 22.2820,
3.6740

 33.1320, 8.4360,
1.3000

 35.3490, 6.3270,
0.9750

 37.5660, 4.2180,
0.6500

■ 39.7830, 2.1090,
0.3250

■ 42.0000, -0.0000,
-0.0000

■ 44.9180, -2.7050,
-0.5370

■ 47.1350, -4.8140,
-0.8620

Harmonies

Analogous

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



26.0450, 13.2950, 6.8550



25.7800, 15.3590, 2.4870



25.2050, 15.3600, -3.0400

Triad

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



25.7800, 15.3590, 2.4870



21.5700, -10.7730, -8.5090



24.9480, -11.4170, 3.1670

Complementary

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



25.7800, 15.3590, 2.4870



29.2200, -15.3590, -2.4870

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.



21.2240, -21.1820, -1.5820



25.7800, 15.3590, 2.4870



21.3890, -17.5130, -7.5050

Square

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



25.7800, 15.3590, 2.4870



23.9150, 1.3770, -8.4390



21.8280, -20.1270, -4.1830



26.4440, -1.0100, 7.2940

Rectangle

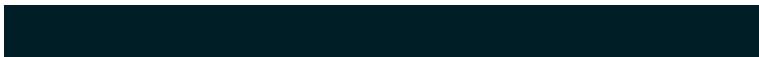
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.7800, 15.3590, 2.4870



24.6560, 12.4720, -5.7680



21.8280, -20.1270, -4.1830



23.8550, -15.5890, 1.6830

Sweetspot

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



25.7800, 15.3590, 2.4870



47.3490, 6.3270, 0.9750



24.1790, 10.2220, 12.9900



24.2670, 3.6220, 0.4380



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



25.7800, 15.3590, 2.4870



28.9120, 23.7950, 3.7870



33.9980, 11.5090, -4.8350



19.1850, 0.9170, -0.0990



36.8560, 44.5640, 7.3480



93.3250, 112.3270, 18.2710

Inverse Universe

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



29.2200, -15.3590, -2.4870



34.0880, -23.7950, -3.7870



21.0020, -11.5090, 4.8350



19.4020, -1.1920, -0.4240



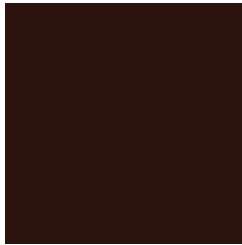
47.1440, -44.5640, -7.3480



118.6750, -112.3270, -18.2710

Previews

White Background



This preview shows how the YIQ color 25.7800, 15.3590, 2.4870 looks on a white background.

Color Contrast Check

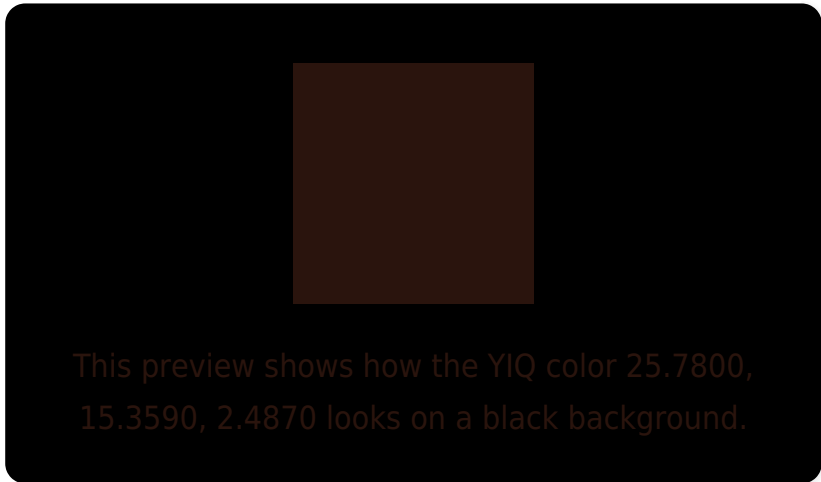
Large Text (above 18pt) WCAG AA ✓ Pass

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

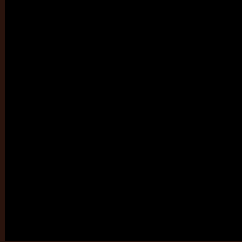
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.7800, 15.3590, 2.4870

Background



This preview shows how black text looks on a background with the YIQ color 25.7800, 15.3590, 2.4870.



This preview shows how white text looks on a background with the YIQ color 25.7800, 15.3590,

2.4870.

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

25.7800, 15.3590, 2.4870

Protanopia

26.2300, 5.0440, -3.3080

Deuteranopia

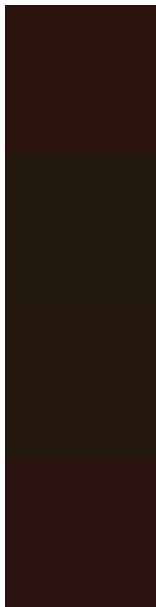
25.9100, 8.9410, -2.3470



Tritanopia

25.9910, 13.3870, 5.1870

Trichromacy



Original Color

25.7800, 15.3590, 2.4870

Protanomaly

25.8500, 9.1700, -0.9900

Deuteranomaly

25.6330, 11.2790, -0.6650

Tritanomaly

25.6490, 14.3500, 4.2540

Monochromacy



Original Color

25.7800, 15.3590, 2.4870

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.0500, 5.7310, 0.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.7800, 15.3590, 2.4870 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(42, 20, 13)` looks like.

```
.text, #text, p{  
    color:rgb(42, 20, 13)  
}
```

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(42, 20, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 20, 13) }
```

Border

The CSS property to change the border of an element to YIQ 25.7800, 15.3590, 2.4870 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(42, 20, 13) }
```


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

```
.border{ border-color:rgb(42, 20, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 20, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 20, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 20, 13);  
box-shadow:4px 4px 4px 4px rgb(42, 20, 13)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.7800, 15.3590, 2.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 20, 13) }
```

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

```
.background{ background-color: rgb(42, 20,  
13) }
```

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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