

Converting Colors

YIQ(29.2900, 23.1510, 15.4630)

Have a look what the booklet for
YIQ(29.2900, 23.1510, 15.4630)
contains.

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Color

**YIQ(29.2900, 23.1510,
15.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0D1E
RGB	61, 13, 30
RGB Percent	24%, 5%, 12%
CMY	0.7607, 0.9491, 0.8823
CMYK	0.00, 0.79, 0.51, 0.76
HSL	339°, 65%, 15%
HSV	339°, 79%, 24%
XYZ	2.3047, 1.3743, 1.3734
YIQ	29.2900, 23.1510, 15.4630

Conversions

Conversions Part 2

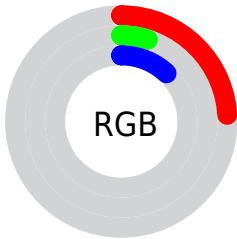
Format	Color
RYB	61, 13, 30
Decimal	4001054
CIELab	11.79, 24.96, 1.35
CIELCh	12, 24.992, 3.095
Yxy	1.3743, 0.4562, 0.2720
Android (android.graphics.Color)	4282191134 (0xFF3D0D1E)
YUV	29.2900, 0.3500, 27.8097
Hunter-Lab	11.7230, 14.5772, 1.2598




Details

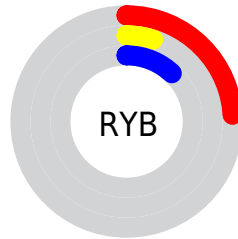
The YIQ color **29.2900, 23.1510, 15.4630** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **44.7100, -23.1510, -15.4630**, and the grayscale version is **29.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **76.1440, 26.4980, 15.3780**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.3120, 26.0850, 17.3570**, and if you desaturate by 10%, it is **33.2680, 20.2170, 13.5690**.

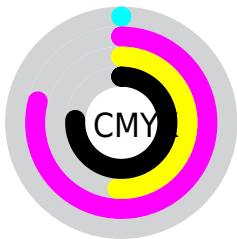
Distribution







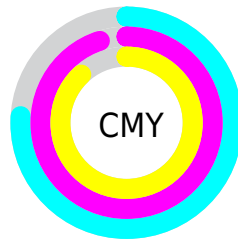
-  Red (24%)
-  Green (5%)
-  Blue (12%)






-  Red (24%)
-  Yellow (5%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (51%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (95%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.2900, 23.1510, 15.4630 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 29.2900, 23.1510, 15.4630 by changing the saturation by 10% instead.

■ 29.2900, 23.1510,
15.4630

■ 29.2900, 23.1510,
15.4630

■ 247.9560, 3.3000,
6.2760

■ 12.7150, 23.1520,
9.9360

■ 76.1440, 26.4980,
15.3780

■ 0.0000, 0.0000,
0.0000

■ 101.0410, 28.2860,
16.0140


■ 126.0520, 29.7530,
16.9610


■ 152.3510, 30.3490,
17.1730


■ 179.2480, 32.1370,
17.8090


■ 207.5470, 32.7330,


18.0210


 228.0830, 19.3000,
13.6680


 29.2900, 23.1510,
15.4630

 29.2900, 23.1510,
15.4630


 25.3120, 26.0850,
17.3570


 33.2680, 20.2170,
13.5690


 21.3340, 29.0190,
19.2510

 37.2460, 17.2830,
11.6750

 20.7470, 29.2940,
19.7740

 41.2240, 14.3490,
9.7810

 45.2020, 11.4150,
7.8870

 49.1800, 8.4810,
5.9930

■ 53.7450, 5.2720,
3.5760

■ 57.7230, 2.3380,
1.6820

■ 61.7010, -0.5960,
-0.2120

■ 65.5650, -3.2090,
-2.4170

Harmonies

Analogous

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



31.7710, 11.5510, 16.4390



29.2900, 23.1510, 15.4630



29.1730, 27.5540, 7.2500

Triad

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



29.2900, 23.1510, 15.4630



27.4220, 4.0830, -13.4290



28.7870, -30.0770, -0.0690

Complementary

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



29.2900, 23.1510, 15.4630



44.7100, -23.1510, -15.4630

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.



28.4790, -26.4540, -5.1580



29.2900, 23.1510, 15.4630



23.9020, -14.9440, -15.5200

Square

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



29.2900, 23.1510, 15.4630



29.5590, 14.1230, -8.1570



26.5410, -20.9970, -10.4450



26.7810, -29.9400, 2.9560

Rectangle

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



29.2900, 23.1510, 15.4630



29.0710, 27.6010, 0.8890



26.5410, -20.9970, -10.4450



28.9180, -29.0680, -1.8360

Sweetspot

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



29.2900, 23.1510, 15.4630



66.4790, 9.0770, 6.2050



27.4420, 2.4720, 21.2880



33.0440, 5.8680, 3.7880



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



29.2900, 23.1510, 15.4630



30.0900, 35.7580, 23.7740



30.8740, 26.9580, 7.0380



29.0110, 1.4670, 0.9470



31.8680, 45.4310, 30.1910



75.3840, 106.9530, 71.6330

Inverse Universe

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



29.2900, 23.1510, 15.4630



30.0900, 35.7580, 23.7740



43.1260, -26.9580, -7.0380



29.0110, 1.4670, 0.9470



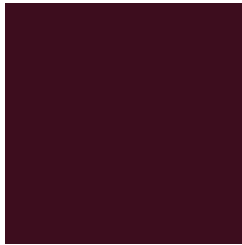
31.8680, 45.4310, 30.1910



75.3840, 106.9530, 71.6330

Previews

White Background



This preview shows how the YIQ color 29.2900, 23.1510, 15.4630 looks on a white background.

Color Contrast Check

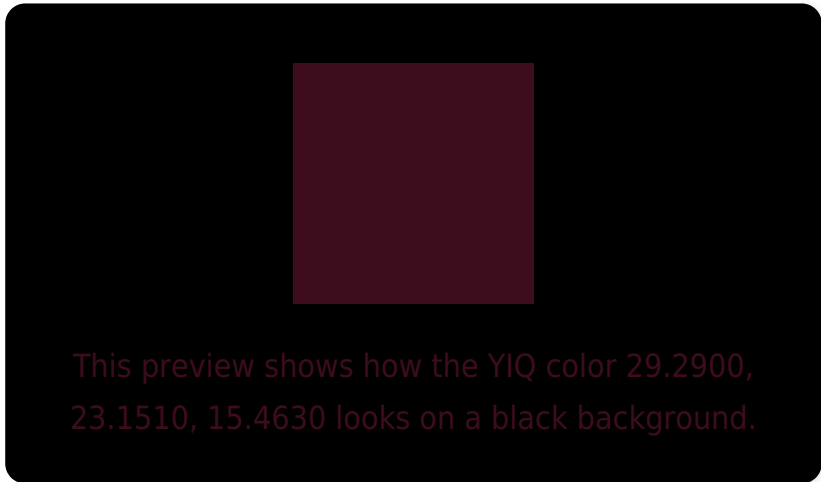
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2900, 23.1510, 15.4630

Background



This preview shows how black text looks on a background with the YIQ color 29.2900, 23.1510, 15.4630.



This preview shows how white text looks on a background with the YIQ color 29.2900, 23.1510,

15.4630.

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

29.2900, 23.1510, 15.4630

Protanopia

33.3140, -3.7600, 2.0640

Deuteranopia

33.3380, 4.8600, 0.0280



Tritanopia

29.2700, 25.9030, 9.6390

Trichromacy



Original Color

29.2900, 23.1510, 15.4630

Protanomaly

32.0380, 6.0050, 6.8130

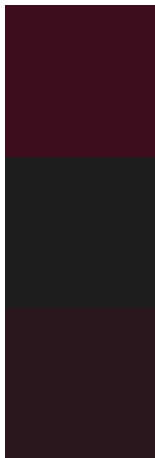
Deuteranomaly

31.7350, 11.2320, 5.6960

Tritanomaly

29.2530, 24.5730, 11.7170

Monochromacy



Original Color

29.2900, 23.1510, 15.4630

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

29.0660, 8.8020, 5.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.2900, 23.1510, 15.4630 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(61, 13, 30)` looks like.

```
.text, #text, p{  
    color:rgb(61, 13, 30)  
}
```

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(61, 13, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 13, 30) }
```

Border

The CSS property to change the border of an element to YIQ 29.2900, 23.1510, 15.4630 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(61, 13, 30) }
```


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

```
.border{ border-color:rgb(61, 13, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 13, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 13, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 13, 30);  
box-shadow:4px 4px 4px 4px rgb(61, 13, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 29.2900, 23.1510, 15.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 13, 30) }
```

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

```
.background{ background-color: rgb(61, 13,  
30) }
```

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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