

Converting Colors

YIQ(29.7040, 40.0210, 29.1170)

Have a look what the booklet for
YIQ(29.7040, 40.0210, 29.1170)
contains.

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Color

**YIQ(29.7040, 40.0210,
29.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	560023
RGB	86, 0, 35
RGB Percent	34%, 0%, 14%
CMY	0.6625, 1.0000, 0.8626
CMYK	0.00, 1.00, 0.59, 0.66
HSL	336°, 100%, 17%
HSV	336°, 100%, 34%
XYZ	4.1469, 2.1027, 1.7800
YIQ	29.7040, 40.0210, 29.1170

Conversions

Conversions Part 2

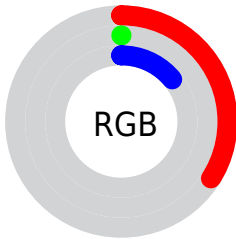
Format	Color
R_{YB}	86, 0, 35
Decimal	5636131
CIE Lab	16.02, 38.02, 4.44
CIE LCh	16, 38.275, 6.666
Yxy	2.1027, 0.5165, 0.2619
Android (android.graphics.Color)	4283826211 (0xFF560023)
YUV	29.7040, 2.6109, 49.3716
Hunter-Lab	14.5008, 25.6712, 2.8725

Details

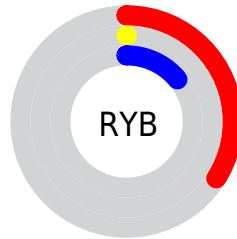
The YIQ color **29.7040, 40.0210, 29.1170** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **56.2960, -40.0210, -29.1170**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **83.7380, 42.6810, 24.9610**, and **10.5790, 20.5390, 7.7310** is the 20% darker color. If you saturate the color by 10%, you get **29.7040, 40.0210, 29.1170**, and if you desaturate by 10%, it is **35.5570, 35.9410, 25.9650**.

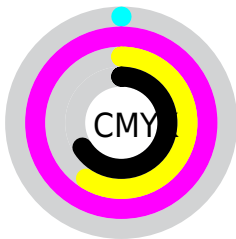
Distribution



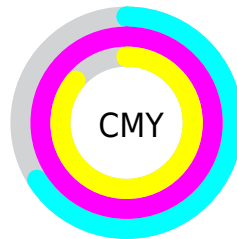
- Red (34%)
- Green (0%)
- Blue (14%)



- Red (34%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (66%)





- Cyan (66%)
- Magenta (100%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 29.7040, 40.0210, 29.1170 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 29.7040, 40.0210, 29.1170 by changing the saturation by 10% instead.


 29.7040, 40.0210,
29.1170


 29.7040, 40.0210,
29.1170

 249.1300, 2.7500,
5.2300


 19.4220, 31.5870,
16.7630


 83.7380, 42.6810,
24.9610

 10.5790, 20.5390,
7.7310

 109.5210, 44.7900,
25.2860

 0.0000, 0.0000,
0.0000


 136.3040, 46.8990,
25.6110


 163.2010, 48.6870,
26.2470


 190.7990, 49.8790,
26.6710


 210.3130, 33.5120,


20.4240


 229.9410, 16.8240,
14.4880


 29.7040, 40.0210,
29.1170

 35.5570, 35.9410,
25.9650

 40.8230, 32.1360,
23.3360

 46.6760, 28.0560,
20.1840

 51.9420, 24.2510,
17.5550

 57.9090, 19.8500,
14.7140

■ 63.7620, 15.7700,
11.5620

■ 69.0280, 11.9650,
8.9330

■ 74.8810, 7.8850,
5.7810

■ 80.1470, 4.0800,
3.1520

Harmonies

Analogous

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



35.6620, 22.6440, 30.1640



29.7040, 40.0210, 29.1170



32.6050, 44.0130, 11.8290

Triad

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



29.7040, 40.0210, 29.1170



32.3730, -3.3890, -21.1890



38.4360, -42.0900, 2.8860

Complementary

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



29.7040, 40.0210, 29.1170



56.2960, -40.0210, -29.1170

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.



38.1450, -37.1370, -4.2810



29.7040, 40.0210, 29.1170



31.1740, -18.8860, -21.1740

Square

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



29.7040, 40.0210, 29.1170



37.5220, 15.5450, -11.9030



35.0670, -28.4700, -12.6780



35.4840, -42.0450, 7.5790

Rectangle

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



29.7040, 40.0210, 29.1170



36.5020, 36.6330, 2.4010



35.0670, -28.4700, -12.6780



39.0400, -41.0350, 0.2850

Sweetspot

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



29.7040, 40.0210, 29.1170



90.3490, 15.4950, 11.0390



24.7540, 2.1940, 37.3460



42.8920, 9.3520, 6.7280



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



29.7040, 40.0210, 29.1170



38.7320, 51.9860, 38.0500



29.8230, 49.3310, 14.5710



40.4240, 1.7420, 1.4700



37.0090, 49.6480, 36.3680



81.0950, 109.5650, 79.3650

Inverse Universe

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



29.7040, 40.0210, 29.1170



38.7320, 51.9860, 38.0500



56.1770, -49.3310, -14.5710



40.4240, 1.7420, 1.4700



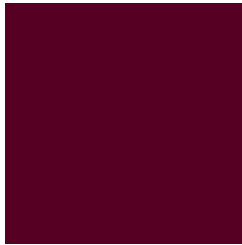
37.0090, 49.6480, 36.3680



81.0950, 109.5650, 79.3650

Previews

White Background



This preview shows how the YIQ color 29.7040, 40.0210, 29.1170 looks on a white background.

Color Contrast Check

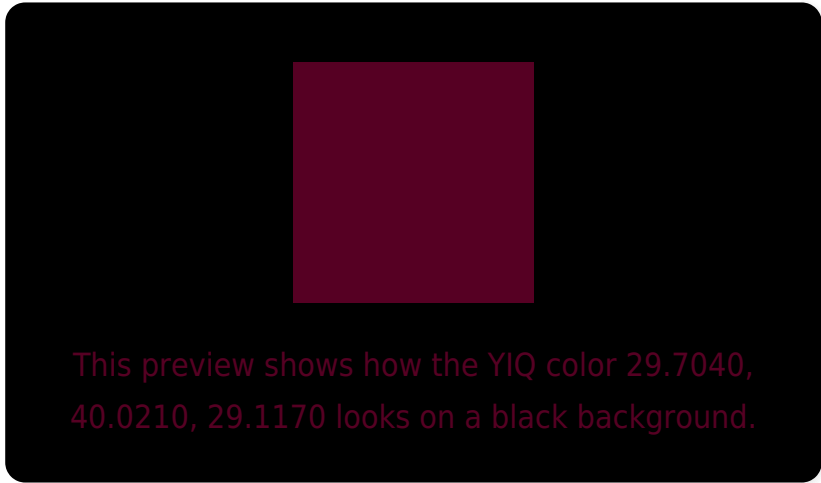
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7040, 40.0210, 29.1170

Background



This preview shows how black text looks on a background with the YIQ color 29.7040, 40.0210, 29.1170.



This preview shows how white text looks on a background with the YIQ color 29.7040, 40.0210,

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

29.7040, 40.0210, 29.1170

Protanopia

44.4990, -2.8430, 1.9650

Deuteranopia

44.0350, 10.0870, -1.0890



Tritanopia

35.1150, 42.6370, 14.7410

Trichromacy



Original Color

29.7040, 40.0210, 29.1170

Protanomaly

39.2070, 13.0190, 11.8590

Deuteranomaly

38.9320, 21.0430, 9.6110

Tritanomaly

33.0920, 41.4440, 19.8440

Monochromacy



Original Color

29.7040, 40.0210, 29.1170

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

29.7510, 14.3030, 10.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.7040, 40.0210, 29.1170 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(86, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(86, 0, 35)  
}
```

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(86, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 0, 35) }
```

Border

The CSS property to change the border of an element to YIQ 29.7040, 40.0210, 29.1170 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(86, 0, 35) }
```


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

```
.border{ border-color:rgb(86, 0, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 0, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 0, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(86, 0, 35); box-shadow:4px  
4px 4px 4px rgb(86, 0, 35) }
```

Background

The CSS property to change the background color of an element to YIQ 29.7040, 40.0210, 29.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 0, 35) }
```

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

```
.background{ background-color: rgb(86, 0,  
35) }
```

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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