

Converting Colors

YIQ(29.4050, 13.0620, 27.6060)

Have a look what the booklet for
YIQ(29.4050, 13.0620, 27.6060)
contains.

YIQ(29.4050, 13.0620, 27.6060)	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(29.4050, 13.0620,
27.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	3B083E
RGB	59, 8, 62
RGB Percent	23%, 3%, 24%
CMY	0.7685, 0.9687, 0.7569
CMYK	0.05, 0.87, 0.00, 0.76
HSL	297°, 77%, 14%
HSV	297°, 87%, 24%
XYZ	2.7621, 1.4520, 4.6925
YIQ	29.4050, 13.0620, 27.6060

Conversions

Conversions Part 2

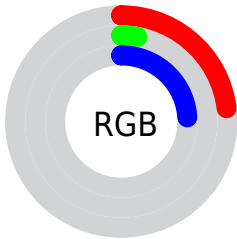
Format	Color
R_{YB}	59, 8, 62
Decimal	3868734
CIE _{Lab}	12.30, 31.74, -21.33
CIE _{LCh}	12, 38.241, 326.102
Yxy	1.4520, 0.3101, 0.1630
Android (android.graphics.Color)	4282058814 (0xFF3B083E)
YUV	29.4050, 16.0693, 25.9548
Hunter-Lab	12.0501, 19.8285, -14.6534




Details

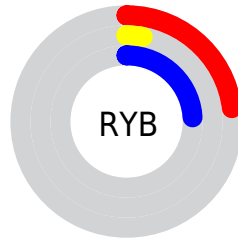
The YIQ color **29.4050, 13.0620, 27.6060** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **40.5950, -13.0620, -27.6060**, and the grayscale version is **29.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **78.0030, 14.2540, 28.0300**, and **2.6390, -6.0530, 5.0750** is the 20% darker color. If you saturate the color by 10%, you get **25.8830, 14.7120, 30.7440**, and if you desaturate by 10%, it is **32.9270, 11.4120, 24.4680**.

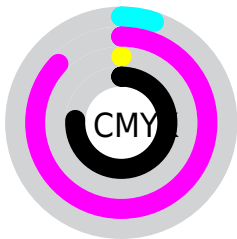
Distribution







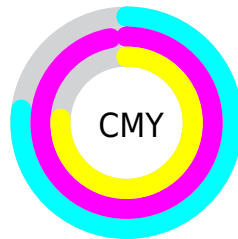
-  Red (23%)
-  Green (3%)
-  Blue (24%)






-  Red (23%)
-  Yellow (3%)
-  Blue (24%)



-  Cyan (5%)
-  Magenta (87%)
-  Yellow (0%)
-  Black (76%)





-  Cyan (77%)
-  Magenta (97%)
-  Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 29.4050, 13.0620, 27.6060 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 29.4050, 13.0620, 27.6060 by changing the saturation by 10% instead.


 29.4050, 13.0620,
27.6060


 29.4050, 13.0620,
27.6060

 246.7820, 3.8500,
7.3220


 15.9220, 9.8080,
20.4960


 78.0030, 14.2540,
28.0300


 2.6390, -6.0530,
5.0750

 103.3020, 14.8500,
28.2420

 0.0000, 0.0000,
0.0000


 128.2420, 15.0790,
29.5990


 154.9540, 15.9500,
30.3340


 182.3670, 16.2250,
30.8570


 210.0790, 17.0960,


31.5920


 230.3460, 11.5500,
21.9660


 29.4050, 13.0620,
27.6060

 29.4050, 13.0620,
27.6060

 25.8830, 14.7120,
30.7440


 32.9270, 11.4120,
24.4680

 24.7090, 15.2620,
31.7900

 36.7480, 10.3580,
21.5420

 40.8570, 8.4330,
17.8810

 44.3790, 6.7830,
14.7430

 48.2000, 5.7290,
11.8170

■ 51.7220, 4.0790,
8.6790

■ 55.2440, 2.4290,
5.5410

■ 59.6520, 1.1000,
2.0920

■ 63.1740, -0.5500,
-1.0460

Harmonies

Analogous

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



29.4540, -24.1650, 13.9390



29.4050, 13.0620, 27.6060



26.6430, 32.8230, 27.4070

Triad

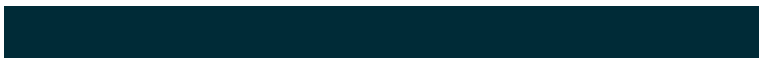
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.4050, 13.0620, 27.6060



30.7660, 17.9740, -6.3620



31.5110, -29.4800, -5.3840

Complementary

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



29.4050, 13.0620, 27.6060



40.5950, -13.0620, -27.6060

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.



28.4330, -20.8130, -13.7810



29.4050, 13.0620, 27.6060



27.4000, 1.1490, -15.3230

Square

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



29.4050, 13.0620, 27.6060



28.8160, 32.8730, 4.4650



24.0670, -11.2750, -21.4430



33.3180, -35.9460, 1.6700

Rectangle

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



29.4050, 13.0620, 27.6060



24.8900, 39.1970, 22.0210



24.0670, -11.2750, -21.4430



30.4850, -26.5910, -8.1830

Sweetspot

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



29.4050, 13.0620, 27.6060



68.4880, 4.8580, 11.0820



16.5040, -18.4340, 14.7020



33.0700, 2.9790, 6.5870



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.



29.4050, 13.0620, 27.6060



32.3710, 19.5700, 41.8260



27.6800, 22.2330, 21.0890



28.9400, 0.2290, 1.3570



37.3270, 22.8700, 48.1020



88.0980, 53.8980, 113.5620

Inverse Universe

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



24.4880, 31.2210, 12.3810



24.9740, 47.5880, 18.6280



42.3200, -22.2330, -21.0890



28.8970, 1.7880, 0.6360



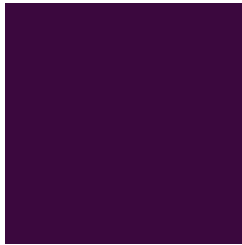
28.6760, 54.4190, 21.4830



67.7460, 128.4600, 50.7960

Previews

White Background



This preview shows how the YIQ color 29.4050, 13.0620, 27.6060 looks on a white background.

Color Contrast Check

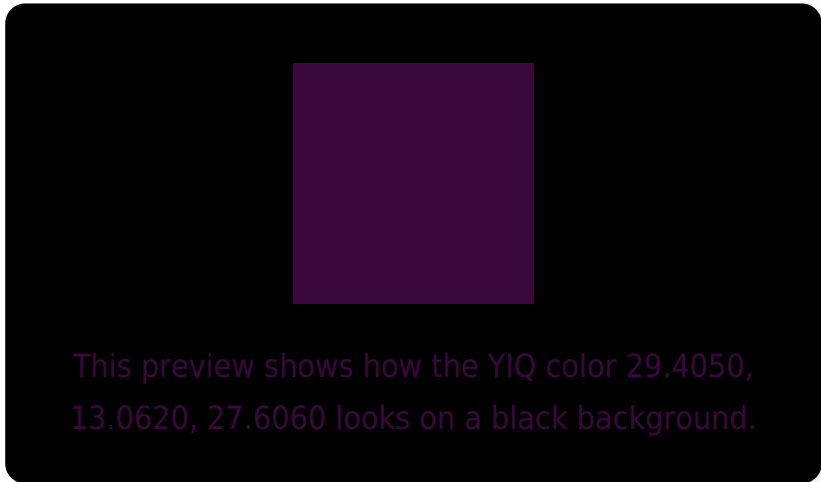
Large Text (above 18pt) WCAG AA ✓ Pass

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

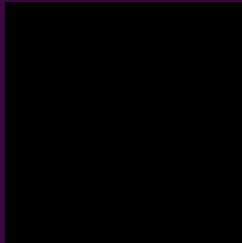
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 29.4050, 13.0620, 27.6060

Background



This preview shows how black text looks on a background with the YIQ color 29.4050, 13.0620, 27.6060.



This preview shows how white text looks on a background with the YIQ color 29.4050, 13.0620,

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

29.4050, 13.0620, 27.6060

Protanopia

28.0520, -32.1410, 4.2990

Deuteranopia

32.5390, -17.5150, 3.5490



Tritanopia

34.1980, 17.2380, 6.9820

Trichromacy



Original Color

29.4050, 13.0620, 27.6060

Protanomaly

28.7060, -16.1870, 12.5250

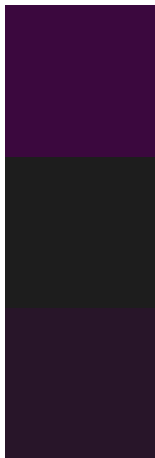
Deuteranomaly

31.2680, -6.1460, 12.2700

Tritanomaly

32.4570, 15.3110, 14.3750

Monochromacy



Original Color

29.4050, 13.0620, 27.6060

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

28.9610, 4.9040, 10.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.4050, 13.0620, 27.6060 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(59, 8, 62)` looks like.

```
.text, #text, p{  
    color:rgb(59, 8, 62)  
}
```

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(59, 8, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 8, 62) }
```

Border

The CSS property to change the border of an element to YIQ 29.4050, 13.0620, 27.6060 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(59, 8, 62) }
```


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

```
.border{ border-color:rgb(59, 8, 62) }
```

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

Here you see how a box with a 4 pixel rgb(59, 8, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 8, 62); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 8, 62); box-shadow:4px  
4px 4px 4px rgb(59, 8, 62) }
```

Background

The CSS property to change the background color of an element to YIQ 29.4050, 13.0620, 27.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 8, 62) }
```

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

```
.background{ background-color: rgb(59, 8,  
62) }
```

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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