

Converting Colors

YIQ(27.9520, 10.2640, 34.2640)

Have a look what the booklet for
YIQ(27.9520, 10.2640, 34.2640)
contains.

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Color

**YIQ(27.9520, 10.2640,
34.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	3B034B
RGB	59, 3, 75
RGB Percent	23%, 1%, 29%
CMY	0.7684, 0.9883, 0.7059
CMYK	0.21, 0.96, 0.00, 0.71
HSL	287°, 92%, 15%
HSV	287°, 96%, 29%
XYZ	3.1085, 1.5038, 6.7823
YIQ	27.9520, 10.2640, 34.2640

Conversions

Conversions Part 2

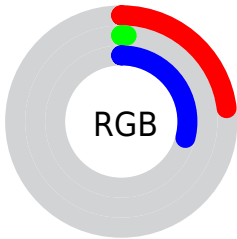
Format	Color
R_{YB}	59, 3, 75
Decimal	3867467
CIE Lab	12.63, 36.48, -29.92
CIE LCh	13, 47.181, 320.649
Yxy	1.5038, 0.2728, 0.1320
Android (android.graphics.Color)	4282057547 (0xFF3B034B)
YUV	27.9520, 23.1947, 27.2291
Hunter-Lab	12.2628, 23.7882, -24.2083




Details

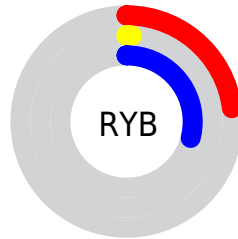
The YIQ color **27.9520, 10.2640, 34.2640** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.0480, -10.2640, -34.2640**, and the grayscale version is **28.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **78.4250, 10.3100, 33.4300**, and **3.4200, -9.6300, 9.3300** is the 20% darker color. If you saturate the color by 10%, you get **25.8920, 10.4930, 35.6210**, and if you desaturate by 10%, it is **32.6590, 9.5310, 31.0270**.

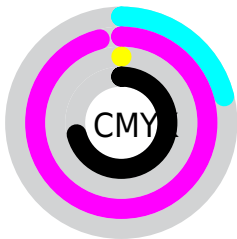
Distribution







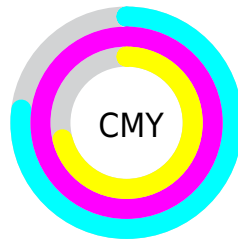
-  Red (23%)
-  Green (1%)
-  Blue (29%)






-  Red (23%)
-  Yellow (1%)
-  Blue (29%)



-  Cyan (21%)
-  Magenta (96%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (77%)
-  Magenta (99%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.9520, 10.2640, 34.2640 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 27.9520, 10.2640, 34.2640 by changing the saturation by 10% instead.

■ 27.9520, 10.2640,
34.2640

■ 27.9520, 10.2640,
34.2640

■ 246.1950, 4.1250,
7.8450

■ 16.9910, 5.3600,
24.0160

■ 78.4250, 10.3100,
33.4300

■ 3.4200, -9.6300,
9.3300

■ 103.6640, 11.1350,
34.9990

■ 0.0000, 0.0000,
0.0000


■ 129.3760, 12.0060,
35.7340


■ 155.9030, 11.9600,
36.5680


■ 183.6150, 12.8310,
37.3030


■ 210.6430, 15.6280,

36.1720

 229.1720, 12.1000,
23.0120


 27.9520, 10.2640,
34.2640

 27.9520, 10.2640,
34.2640


 25.8920, 10.4930,
35.6210

 32.6590, 9.5310,
31.0270

 37.6540, 7.9270,
27.0550

 42.3610, 7.1940,
23.8180

 47.6550, 6.1860,
20.0580

 52.0630, 4.8570,
16.6090

■ 57.3570, 3.8490,
12.8490

■ 62.0640, 3.1160,
9.6120

■ 67.0590, 1.5120,
5.6400

■ 71.7660, 0.7790,
2.4030

Harmonies

Analogous

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



27.9670, -38.7910, 14.6890



27.9520, 10.2640, 34.2640



29.5340, 34.7480, 31.0680

Triad

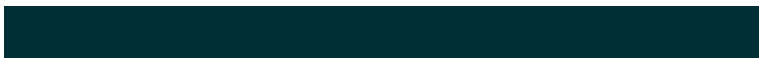
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.9520, 10.2640, 34.2640



31.3860, 22.1000, -4.0440



33.2720, -30.3050, -6.9530

Complementary

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



27.9520, 10.2640, 34.2640



50.0480, -10.2640, -34.2640

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.



28.8090, -19.1160, -17.0040



27.9520, 10.2640, 34.2640



28.2860, 1.4700, -15.6340

Square

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



27.9520, 10.2640, 34.2640



24.4630, 41.5370, 12.6490



25.2410, -11.8250, -22.4890



35.9910, -39.3390, 2.5890

Rectangle

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



27.9520, 10.2640, 34.2640



28.3360, 43.8730, 25.3850



25.2410, -11.8250, -22.4890



32.0180, -26.7740, -10.3740

Sweetspot

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



27.9520, 10.2640, 34.2640



78.7700, 4.1240, 13.3720



21.1870, -27.7870, 13.5010



37.1240, 2.8870, 8.2550



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



27.9520, 10.2640, 34.2640



33.4830, 13.5630, 46.0670



30.5700, 25.8990, 31.7470



35.3530, 0.5040, 1.8800



35.2490, 14.3420, 48.4700



79.7410, 32.8540, 109.4780

Inverse Universe

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



26.3520, 37.7760, 20.2400



31.3970, 51.0710, 27.0950



47.4300, -25.8990, -31.7470



35.3100, 2.0630, 1.1590



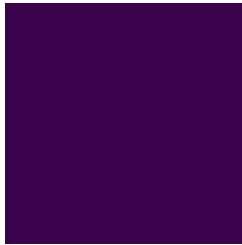
33.1200, 53.4090, 28.7770



74.5840, 120.7090, 64.6210

Previews

White Background



This preview shows how the YIQ color 27.9520, 10.2640, 34.2640 looks on a white background.

Color Contrast Check

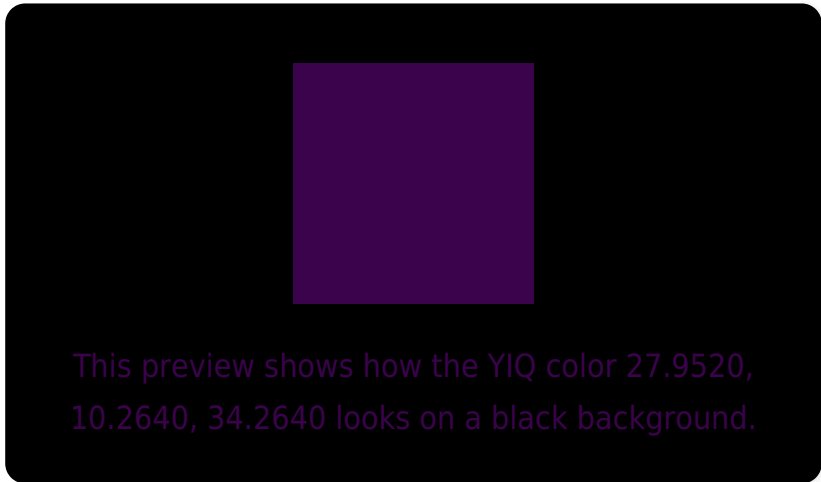
Large Text (above 18pt) WCAG AA ✓ Pass

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

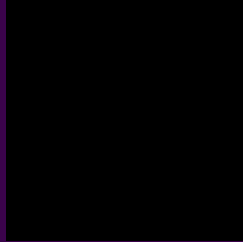
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.9520, 10.2640, 34.2640

Background



This preview shows how black text looks on a background with the YIQ color 27.9520, 10.2640, 34.2640.



This preview shows how white text looks on a background with the YIQ color 27.9520, 10.2640,

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

27.9520, 10.2640, 34.2640

Protanopia

28.9810, -33.3790, 4.7090

Deuteranopia

29.1290, -31.0400, 0.8640



Tritanopia

36.5180, 13.3410, 6.0210

Trichromacy



Original Color

27.9520, 10.2640, 34.2640

Protanomaly

28.2160, -17.5630, 15.4370

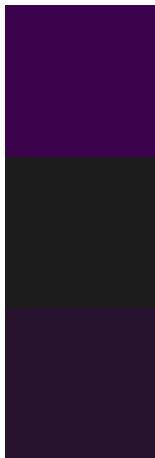
Deuteranomaly

28.8200, -16.5080, 12.8360

Tritanomaly

33.6570, 11.8720, 16.1280

Monochromacy



Original Color

27.9520, 10.2640, 34.2640

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

27.9440, 3.5740, 12.3260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.9520, 10.2640, 34.2640 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, 3, 75)` looks like.

```
.text, #text, p{  
    color:rgb(59, 3, 75)  
}
```

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, 3, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 3, 75) }
```

Border

The CSS property to change the border of an element to YIQ 27.9520, 10.2640, 34.2640 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, 3, 75) }
```


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

```
.border{ border-color:rgb(59, 3, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 3, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 3, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 3, 75); box-shadow:4px  
4px 4px 4px rgb(59, 3, 75) }
```

Background

The CSS property to change the background color of an element to YIQ 27.9520, 10.2640, 34.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 3, 75) }
```

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

```
.background{ background-color: rgb(59, 3,  
75) }
```

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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