

Converting Colors

YIQ(42.9440, 21.9100, 32.4540)

Have a look what the booklet for
YIQ(42.9440, 21.9100, 32.4540)
contains.

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Color

**YIQ(42.9440, 21.9100,
32.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	54104A
RGB	84, 16, 74
RGB Percent	33%, 6%, 29%
CMY	0.6704, 0.9374, 0.7098
CMYK	0.00, 0.81, 0.12, 0.67
HSL	309°, 68%, 20%
HSV	309°, 81%, 33%
XYZ	5.0819, 2.7514, 6.7437
YIQ	42.9440, 21.9100, 32.4540

Conversions

Conversions Part 2

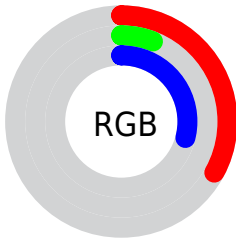
Format	Color
R_{YB}	84, 16, 74
Decimal	5509194
CIE _{Lab}	19.02, 37.42, -18.75
CIE _{LCh}	19, 41.854, 333.383
Yxy	2.7514, 0.3486, 0.1888
Android (android.graphics.Color)	4283699274 (0xFF54104A)
YUV	42.9440, 15.3106, 36.0061
Hunter-Lab	16.5875, 25.6593, -12.4933

Details

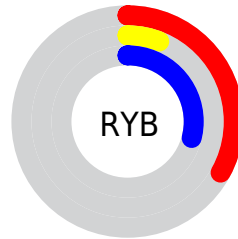
The YIQ color **42.9440, 21.9100, 32.4540** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **57.0560, -21.9100, -32.4540**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.0150, 23.1480, 32.0440**, and **15.0810, 13.6140, 17.5980** is the 20% darker color. If you saturate the color by 10%, you get **38.1340, 24.4310, 36.3270**, and if you desaturate by 10%, it is **47.7540, 19.3890, 28.5810**.

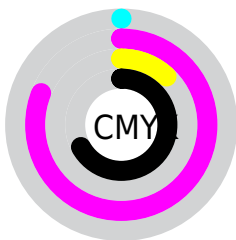
Distribution



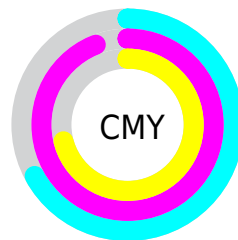
- Red (33%)
- Green (6%)
- Blue (29%)



- Red (33%)
- Yellow (6%)
- Blue (29%)



- Cyan (0%)
- Magenta (81%)
- Yellow (12%)
- Black (67%)



- Cyan (67%)
- Magenta (94%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.9440, 21.9100, 32.4540 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 42.9440, 21.9100, 32.4540 by changing the saturation by 10% instead.

■ 42.9440, 21.9100,
32.4540

■ 42.9440, 21.9100,
32.4540

■ 255.0000, -0.0000,
-0.0000

■ 23.4550, 18.7930,
28.3690

■ 94.0150, 23.1480,
32.0440

■ 15.0810, 13.6140,
17.5980

■ 119.7270, 24.0190,
32.7790

■ 0.0000, 0.0000,
0.0000

■ 146.4390, 24.8900,
33.5140


■ 173.1510, 25.7610,
34.2490


■ 200.8630, 26.6320,
34.9840


■ 222.1280, 15.4000,


29.2880


 238.5640, 7.7000,
14.6440


 42.9440, 21.9100,
32.4540


 42.9440, 21.9100,
32.4540


 38.1340, 24.4310,
36.3270


 47.7540, 19.3890,
28.5810

 33.3240, 26.9520,
40.2000

 53.1510, 16.5930,
24.1850

 58.0750, 13.7510,
20.6230

 63.4720, 10.9550,
16.2270

 68.2820, 8.4340,
12.3540

■ 73.0920, 5.9130,
8.4810

■ 78.6030, 2.7960,
4.3960

■ 83.4130, 0.2750,
0.5230

■ 88.8100, -2.5210,
-3.8730

Harmonies

Analogous

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



46.3570, -13.3460, 21.6140



42.9440, 21.9100, 32.4540



34.3180, 44.2840, 34.4600

Triad

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



42.9440, 21.9100, 32.4540



43.4470, 20.1300, -12.3980



43.6390, -41.5840, -6.2880

Complementary

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



42.9440, 21.9100, 32.4540



57.0560, -21.9100, -32.4540

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.



40.2190, -31.9540, -15.6180



42.9440, 21.9100, 32.4540



38.2870, -0.2710, -22.6310

Square

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



42.9440, 21.9100, 32.4540



43.5790, 37.7340, -1.0340



35.2830, -20.8110, -24.8350



44.3860, -47.8210, 2.1230

Rectangle

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



42.9440, 21.9100, 32.4540



35.8480, 48.1830, 24.3670



35.2830, -20.8110, -24.8350



42.6130, -38.6950, -9.0870

Sweetspot

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



42.9440, 21.9100, 32.4540



93.6950, 8.7090, 12.8770



26.4430, -16.4640, 23.0560



46.3800, 5.0420, 7.7460



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.



42.9440, 21.9100, 32.4540



45.3670, 34.5610, 50.9850



39.1820, 32.5030, 22.1910



38.5380, 1.4210, 1.7810



41.5410, 34.0110, 49.9390



91.9400, 74.7140, 110.7620

Inverse Universe

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



42.9440, 21.9100, 32.4540



45.3670, 34.5610, 50.9850



60.8180, -32.5030, -22.1910



38.5380, 1.4210, 1.7810



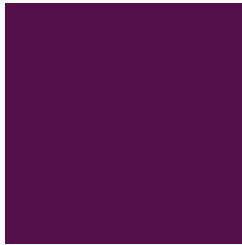
41.5410, 34.0110, 49.9390



91.9400, 74.7140, 110.7620

Previews

White Background



This preview shows how the YIQ color 42.9440, 21.9100, 32.4540 looks on a white background.

Color Contrast Check

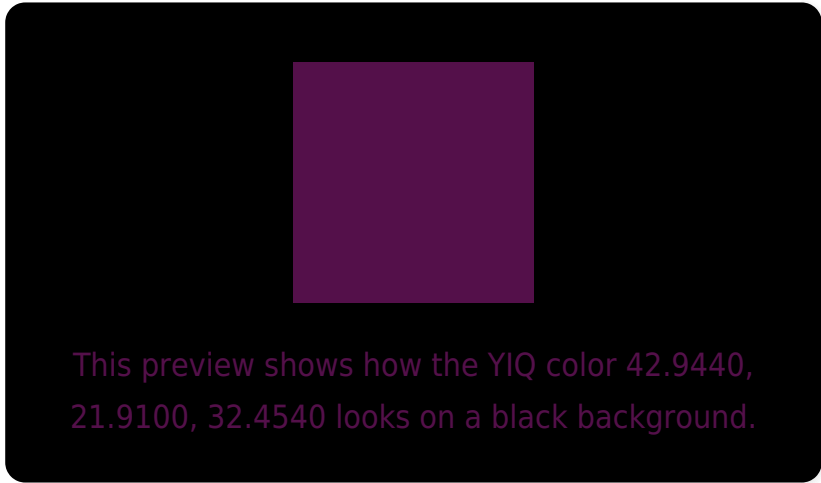
Large Text (above 18pt) WCAG AA ✓ Pass

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

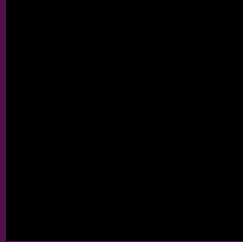
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.9440, 21.9100, 32.4540

Background



This preview shows how black text looks on a background with the YIQ color 42.9440, 21.9100, 32.4540.



This preview shows how white text looks on a background with the YIQ color 42.9440, 21.9100,

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

42.9440, 21.9100, 32.4540

Protanopia

38.2880, -44.4290, 6.7310

Deuteranopia

48.1160, -11.8300, 5.1460



Tritanopia

46.5800, 27.9660, 10.7980

Trichromacy



Original Color

42.9440, 21.9100, 32.4540

Protanomaly

40.0740, -20.0390, 16.2570

Deuteranomaly

45.9700, 0.6850, 15.1250

Tritanomaly

45.0670, 25.3970, 18.8130

Monochromacy



Original Color

42.9440, 21.9100, 32.4540

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.8690, 8.1590, 11.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.9440, 21.9100, 32.4540 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(84, 16, 74)` looks like.

```
.text, #text, p{  
    color:rgb(84, 16, 74)  
}
```

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(84, 16, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 16, 74) }
```

Border

The CSS property to change the border of an element to YIQ 42.9440, 21.9100, 32.4540 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(84, 16, 74) }
```


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

```
.border{ border-color:rgb(84, 16, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 16, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 16, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 16, 74);  
box-shadow:4px 4px 4px 4px rgb(84, 16, 74)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.9440, 21.9100, 32.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 16, 74) }
```

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

```
.background{ background-color: rgb(84, 16,  
74) }
```

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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