

Converting Colors

YIQ(32.8420, 13.9300, 44.9220)

Have a look what the booklet for
YIQ(32.8420, 13.9300, 44.9220)
contains.

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Color

**YIQ(32.8420, 13.9300,
44.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	4A005E
RGB	74, 0, 94
RGB Percent	29%, 0%, 37%
CMY	0.7096, 1.0000, 0.6314
CMYK	0.21, 1.00, 0.00, 0.63
HSL	287°, 100%, 18%
HSV	287°, 100%, 37%
XYZ	4.8488, 2.2663, 10.7705
YIQ	32.8420, 13.9300, 44.9220

Conversions

Conversions Part 2

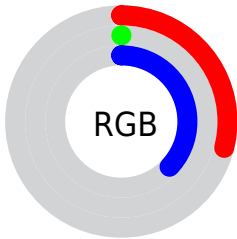
Format	Color
R_{YB}	74, 0, 94
Decimal	4849758
CIE _{Lab}	16.83, 43.94, -35.90
CIE _{LCh}	17, 56.743, 320.755
Yxy	2.2663, 0.2711, 0.1267
Android (android.graphics.Color)	4283039838 (0xFF4A005E)
YUV	32.8420, 30.1509, 36.0956
Hunter-Lab	15.0542, 31.1484, -31.8809

Details

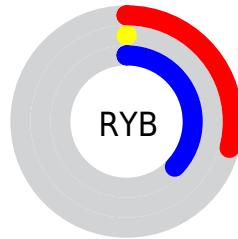
The YIQ color **32.8420, 13.9300, 44.9220** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **61.1580, -13.9300, -44.9220**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.6630, 12.8760, 41.9960**, and **13.4310, 1.0050, 20.3410** is the 20% darker color. If you saturate the color by 10%, you get **32.8420, 13.9300, 44.9220**, and if you desaturate by 10%, it is **38.7230, 12.6470, 40.6390**.

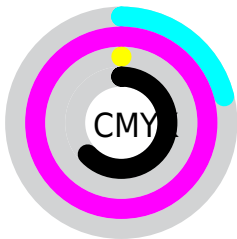
Distribution



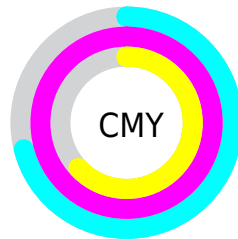
- Red (29%)
- Green (0%)
- Blue (37%)



- Red (29%)
- Yellow (0%)
- Blue (37%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (71%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.8420, 13.9300, 44.9220 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 32.8420, 13.9300, 44.9220 by changing the saturation by 10% instead.

■ 32.8420, 13.9300,
44.9220

■ 32.8420, 13.9300,
44.9220

■ 249.7170, 2.4750,
4.7070

■ 22.6310, 6.7340,
32.1580

■ 87.6630, 12.8760,
41.9960

■ 13.4310, 1.0050,
20.3410

■ 113.4890, 13.4260,
43.0420

■ 3.4370, -8.3000,
7.2520

■ 140.3150, 13.9760,
44.0880

■ 0.0000, 0.0000,
0.0000


■ 167.4400, 15.1220,
45.3460


■ 195.0380, 16.3140,
45.7700


■ 216.2580, 18.1500,


34.5180

 232.6940, 10.4500,
19.8740


 32.8420, 13.9300,
44.9220

 38.7230, 12.6470,
40.6390

 45.1910, 11.0890,
35.8330

 51.0720, 9.8060,
31.5500

 57.5400, 8.2480,
26.7440

 63.4210, 6.9650,
22.4610

■ 69.3020, 5.6820,
18.1780

■ 75.7700, 4.1240,
13.3720

■ 81.6510, 2.8410,
9.0890

■ 88.1190, 1.2830,
4.2830

Harmonies

Analogous

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



35.3990, -48.6950, 17.9690



32.8420, 13.9300, 44.9220



37.1810, 43.4120, 39.2520

Triad

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



32.8420, 13.9300, 44.9220



39.9690, 27.6480, -5.4720



41.4390, -38.1450, -8.0410

Complementary

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



32.8420, 13.9300, 44.9220



61.1580, -13.9300, -44.9220

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.



35.9500, -24.0670, -20.8910



32.8420, 13.9300, 44.9220



35.3520, 1.1040, -20.0160

Square

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



32.8420, 13.9300, 44.9220



29.8450, 52.2650, 16.4650



31.1110, -14.5750, -27.7190



44.8420, -49.1050, 3.3670

Rectangle

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



32.8420, 13.9300, 44.9220



35.4130, 54.1420, 32.0140



31.1110, -14.5750, -27.7190



39.8430, -33.6510, -12.3950

Sweetspot

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



32.8420, 13.9300, 44.9220



98.7750, 5.7280, 17.3440



22.4560, -35.6740, 18.7740



46.8900, 3.6660, 10.6580



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



32.8420, 13.9300, 44.9220



42.6120, 18.0540, 58.2940



35.7440, 34.5170, 40.7650



42.7660, 0.7790, 2.4030



38.2540, 15.9460, 52.4420



82.9310, 35.3750, 113.3510

Inverse Universe

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



30.3860, 49.6040, 26.1480



39.4420, 64.3660, 33.9500



58.2560, -34.5170, -40.7650



42.6090, 2.6590, 1.3710



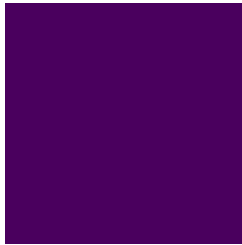
35.5120, 58.1770, 30.4730



76.5630, 125.2020, 65.7940

Previews

White Background



This preview shows how the YIQ color 32.8420, 13.9300, 44.9220 looks on a white background.

Color Contrast Check

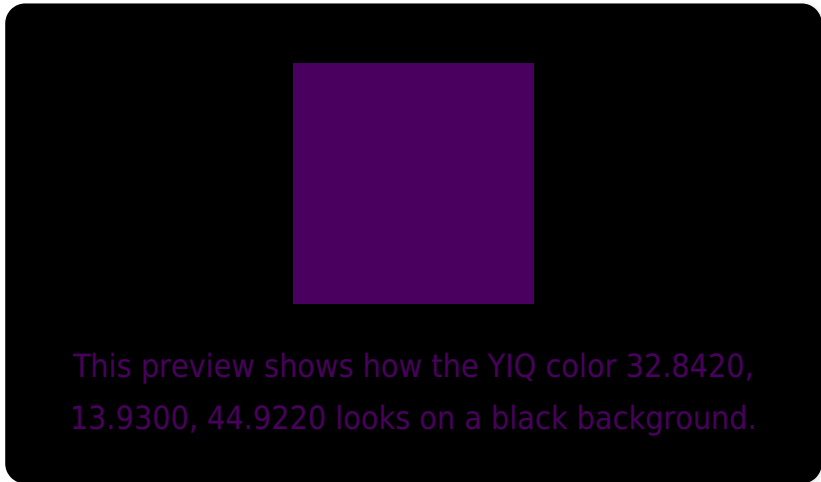
Large Text (above 18pt) WCAG AA ✓ Pass

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

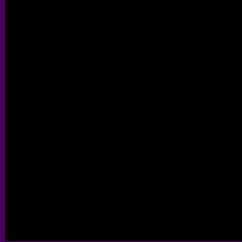
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.8420, 13.9300, 44.9220

Background



This preview shows how black text looks on a background with the YIQ color 32.8420, 13.9300, 44.9220.



This preview shows how white text looks on a background with the YIQ color 32.8420, 13.9300,

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

32.8420, 13.9300, 44.9220

Deuteranopia

36.8230, -38.9260, 0.6100

Tritanopia

45.8990, 16.6420, 6.7700

Trichromacy



Original Color

32.8420, 13.9300, 44.9220

Deuteranomaly

35.4870, -19.7640, 16.7800

Tritanomaly

41.4450, 15.5850, 20.4250

Monochromacy



Original Color

32.8420, 13.9300, 44.9220

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

32.9490, 5.1780, 16.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.8420, 13.9300, 44.9220 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(74, 0, 94)` looks like.

```
.text, #text, p{  
    color:rgb(74, 0, 94)  
}
```

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(74, 0, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 0, 94) }
```

Border

The CSS property to change the border of an element to YIQ 32.8420, 13.9300, 44.9220 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(74, 0, 94) }
```

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

```
.border{ border-color:rgb(74, 0, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 0, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 0, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 0, 94); box-shadow:4px  
4px 4px 4px rgb(74, 0, 94) }
```


Background

The CSS property to change the background color of an element to YIQ 32.8420, 13.9300, 44.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 0, 94) }
```

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

```
.background{ background-color: rgb(74, 0,  
94) }
```

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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