

Converting Colors

YIQ(42.7920, 16.2260, 25.3300)

Have a look what the booklet for
YIQ(42.7920, 16.2260, 25.3300)
contains.

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Color

**YIQ(42.7920, 16.2260,
25.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1644
RGB	74, 22, 68
RGB Percent	29%, 9%, 27%
CMY	0.7096, 0.9138, 0.7333
CMYK	0.00, 0.70, 0.08, 0.71
HSL	307°, 54%, 19%
HSV	307°, 70%, 29%
XYZ	4.1571, 2.4478, 5.7234
YIQ	42.7920, 16.2260, 25.3300

Conversions

Conversions Part 2

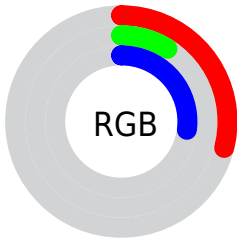
Format	Color
R_{YB}	74, 22, 68
Decimal	4855364
CIE _{Lab}	17.68, 30.99, -16.85
CIE _{LCh}	18, 35.274, 331.467
Yxy	2.4478, 0.3372, 0.1986
Android (android.graphics.Color)	4283045444 (0xFF4A1644)
YUV	42.7920, 12.4275, 27.3694
Hunter-Lab	15.6455, 20.0492, -10.7374

Details

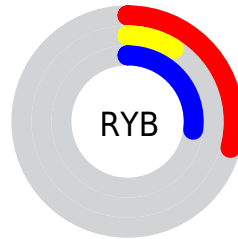
The YIQ color **42.7920, 16.2260, 25.3300** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **53.2080, -16.2260, -25.3300**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.1020, 18.2890, 26.4890**, and **11.5210, 9.2590, 13.9230** is the 20% darker color. If you saturate the color by 10%, you get **38.5690, 18.4720, 28.6800**, and if you desaturate by 10%, it is **47.0150, 13.9800, 21.9800**.

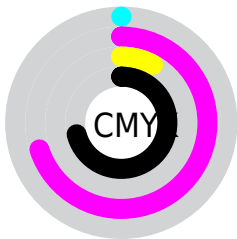
Distribution



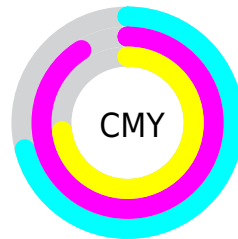
- Red (29%)
- Green (9%)
- Blue (27%)



- Red (29%)
- Yellow (9%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (8%)
- Black (71%)



- Cyan (71%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.7920, 16.2260, 25.3300 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 42.7920, 16.2260, 25.3300 by changing the saturation by 10% instead.

42.7920, 16.2260,
25.3300

42.7920, 16.2260,
25.3300

255.0000, -0.0000,
-0.0000

20.1940, 15.0340,
24.9060

91.1020, 18.2890,
26.4890

11.5210, 9.2590,
13.9230

116.5150, 18.5640,
27.0120

0.0000, 0.0000,
0.0000


142.3410, 19.1140,
28.0580


169.0530, 19.9850,
28.7930


196.7650, 20.8560,
29.5280


222.3730, 16.0880,


27.8320


 239.1510, 7.4250,
14.1210


 42.7920, 16.2260,
25.3300


 42.7920, 16.2260,
25.3300

 38.5690, 18.4720,
28.6800

 47.0150, 13.9800,
21.9800


 33.7590, 20.9930,
32.5530

 51.8250, 11.4590,
18.1070

 29.5360, 23.2390,
35.9030

 56.0480, 9.2130,
14.7570

 60.7440, 7.0130,
10.5730

 64.9670, 4.7670,
7.2230

■ 69.1900, 2.5210,
3.8730

■ 74.0000, -0.0000,
0.0000

■ 78.2230, -2.2460,
-3.3500

■ 83.0330, -4.7670,
-7.2230

Harmonies

Analogous

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



43.9070, -12.1990, 17.3450



42.7920, 16.2260, 25.3300



37.9590, 34.7490, 25.5410

Triad

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



42.7920, 16.2260, 25.3300



41.3870, 20.3590, -11.0410



39.5640, -36.9990, -6.7830

Complementary

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



42.7920, 16.2260, 25.3300



53.2080, -16.2260, -25.3300

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.



36.7140, -28.9740, -14.5580



42.7920, 16.2260, 25.3300



37.4340, 3.8090, -19.4790

Square

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



42.7920, 16.2260, 25.3300



40.6110, 34.7080, -1.2600



33.0490, -20.0320, -22.4320



40.5560, -42.5480, 0.1720

Rectangle

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



42.7920, 16.2260, 25.3300



37.8960, 39.0600, 18.9960



33.0490, -20.0320, -22.4320



38.6520, -34.4310, -9.2710

Sweetspot

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



42.7920, 16.2260, 25.3300



85.0320, 6.1420, 9.8380



29.4230, -13.7120, 17.2320



40.8420, 3.6210, 5.9650



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.



42.7920, 16.2260, 25.3300



48.3130, 25.4850, 39.2530



39.9420, 24.2510, 17.5550



35.6520, 1.1000, 2.0920



40.7580, 31.9020, 49.6140



91.9120, 71.9170, 111.8930

Inverse Universe

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



42.7920, 16.2260, 25.3300



48.3130, 25.4850, 39.2530



56.0580, -24.2510, -17.5550



35.6520, 1.1000, 2.0920



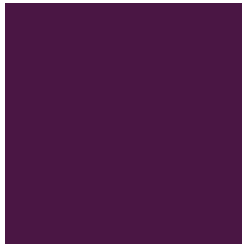
40.7580, 31.9020, 49.6140



91.9120, 71.9170, 111.8930

Previews

White Background



This preview shows how the YIQ color 42.7920, 16.2260, 25.3300 looks on a white background.

Color Contrast Check

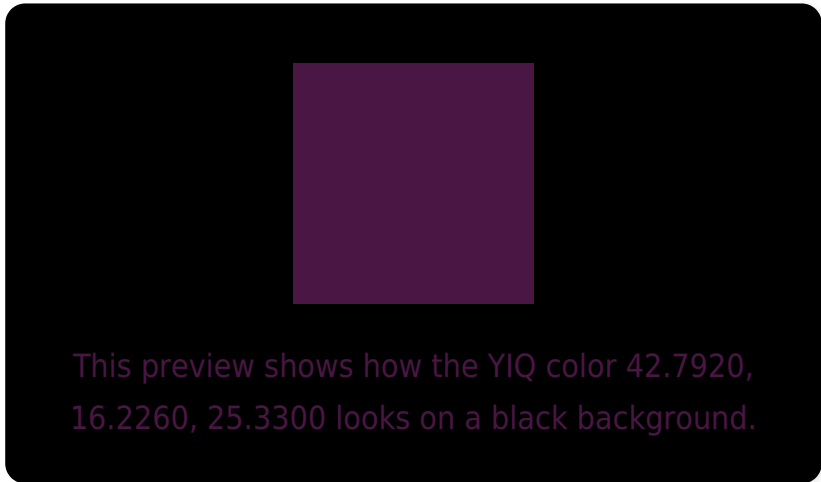
Large Text (above 18pt) WCAG AA ✓ Pass

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

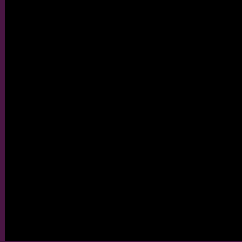
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.7920, 16.2260, 25.3300

Background



This preview shows how black text looks on a background with the YIQ color 42.7920, 16.2260, 25.3300.



This preview shows how white text looks on a background with the YIQ color 42.7920, 16.2260,

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

42.7920, 16.2260, 25.3300

Protanopia

40.8400, -28.4280, 8.5960

Deuteranopia

44.3010, -10.9130, 5.0470



Tritanopia

44.5900, 22.0060, 8.6780

Trichromacy



Original Color

42.7920, 16.2260, 25.3300

Protanomaly

41.3260, -12.0610, 14.8430

Deuteranomaly

43.6060, -1.2860, 12.2980

Tritanomaly

43.9090, 19.8500, 14.7140

Monochromacy



Original Color

42.7920, 16.2260, 25.3300

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.6190, 5.8670, 9.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.7920, 16.2260, 25.3300 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, 22, 68)` looks like.

```
.text, #text, p{  
    color:rgb(74, 22, 68)  
}
```

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, 22, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 22, 68) }
```

Border

The CSS property to change the border of an element to YIQ 42.7920, 16.2260, 25.3300 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, 22, 68) }
```


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

```
.border{ border-color:rgb(74, 22, 68) }
```

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

Here you see how a box with a 4 pixel rgb(74, 22, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 22, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 22, 68);  
box-shadow:4px 4px 4px 4px rgb(74, 22, 68)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.7920, 16.2260, 25.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 22, 68) }
```

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

```
.background{ background-color: rgb(74, 22,  
68) }
```

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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