

Converting Colors

YIQ(41.9520, 1.0960, 24.2000)

Have a look what the booklet for
YIQ(41.9520, 1.0960, 24.2000)
contains.

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Color

**YIQ(41.9520, 1.0960,
24.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1A52
RGB	58, 26, 82
RGB Percent	23%, 10%, 32%
CMY	0.7724, 0.8981, 0.6785
CMYK	0.29, 0.68, 0.00, 0.68
HSL	274°, 52%, 21%
HSV	274°, 68%, 32%
XYZ	3.6383, 2.2476, 8.2227
YIQ	41.9520, 1.0960, 24.2000

Conversions

Conversions Part 2

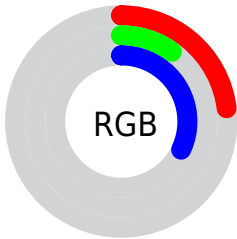
Format	Color
RYB	58, 26, 82
Decimal	3807826
CIELab	16.74, 27.40, -28.10
CIELCh	17, 39.246, 314.286
Yxy	2.2476, 0.2579, 0.1593
Android (android.graphics.Color)	4281997906 (0xFF3A1A52)
YUV	41.9520, 19.7437, 14.0741
Hunter-Lab	14.9921, 17.0821, -22.0244

Details

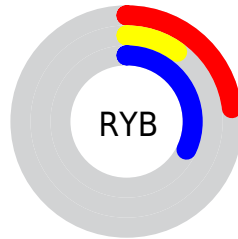
The YIQ color **41.9520, 1.0960, 24.2000** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **66.0480, -1.0960, -24.2000**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.3050, 1.6000, 26.0800**, and **6.3110, -7.7050, 12.9910** is the 20% darker color. If you saturate the color by 10%, you get **36.3590, 1.5080, 27.7480**, and if you desaturate by 10%, it is **47.8440, 1.2800, 20.8640**.

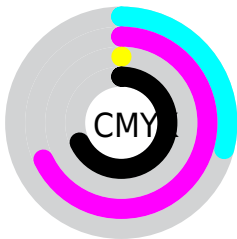
Distribution



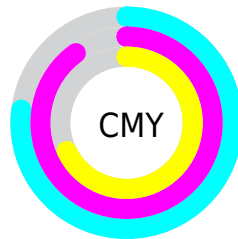
- Red (23%)
- Green (10%)
- Blue (32%)



- Red (23%)
- Yellow (10%)
- Blue (32%)



- Cyan (29%)
- Magenta (68%)
- Yellow (0%)
- Black (68%)



- Cyan (77%)
- Magenta (90%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.9520, 1.0960, 24.2000 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 41.9520, 1.0960, 24.2000 by changing the saturation by 10% instead.

41.9520, 1.0960,
24.2000

41.9520, 1.0960,
24.2000

255.0000, -0.0000,
-0.0000

19.5390, 0.8210,
23.6770

89.3050, 1.6000,
26.0800

6.3110, -7.7050,
12.9910

114.1310, 2.1500,
27.1260

1.4820, -4.1730,
4.0430

139.9570, 2.7000,
28.1720

0.0000, 0.0000,
0.0000

166.7830, 3.2500,
29.2180

194.3100, 3.2040,
30.0520

220.0130, 8.2940,

25.9100

240.3250, 6.8750,
13.0750

41.9520, 1.0960,
24.2000

41.9520, 1.0960,
24.2000

36.3590, 1.5080,
27.7480

47.8440, 1.2800,
20.8640

30.4670, 1.3240,
31.0840

53.4370, 0.8680,
17.3160

24.2870, 2.0110,
35.1550

59.9160, 0.7770,
13.4570

23.4010, 1.6900,
35.4660

65.5090, 0.3650,
9.9090

71.4010, 0.5490,
6.5730

■ 76.9940, 0.1370,
3.0250

■ 82.8860, 0.3210,
-0.3110

■ 89.0660, -0.3660,
-4.3820

■ 94.9580, -0.1820,
-7.7180

Harmonies

Analogous

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



34.4240, -41.8160, 8.9360



41.9520, 1.0960, 24.2000



34.8370, 29.5210, 32.1850

Triad

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



41.9520, 1.0960, 24.2000



39.6810, 28.5190, -4.7370



37.2670, -31.9090, -10.9250

Complementary

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



41.9520, 1.0960, 24.2000



66.0480, -1.0960, -24.2000

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.



33.3740, -22.3250, -19.4210



41.9520, 1.0960, 24.2000



37.7880, 11.7400, -14.5320

Square

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



41.9520, 1.0960, 24.2000



35.6710, 43.6470, 7.4470



30.8450, -10.7700, -25.0900



39.6440, -39.9800, -2.3160

Rectangle

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



41.9520, 1.0960, 24.2000



31.0570, 40.5250, 30.9970



30.8450, -10.7700, -25.0900



36.2410, -29.0200, -13.7240

Sweetspot

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



41.9520, 1.0960, 24.2000



91.9820, 0.4110, 9.0750



46.4720, -24.5760, 4.8640



44.5750, -0.0010, 5.5270



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



41.9520, 1.0960, 24.2000



44.2810, 2.1480, 38.1800



48.6720, 16.6840, 28.0440



38.0540, -0.0920, 1.6680



29.9100, 2.0550, 45.3750



66.2150, 4.7960, 100.3480

Inverse Universe

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



45.4800, 25.6720, 19.3360



49.6440, 40.2500, 30.4740



59.3280, -16.6840, -28.0440



38.3100, 2.0630, 1.1590



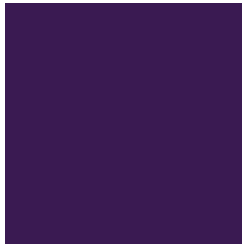
36.5250, 48.1350, 36.2550



80.6540, 106.4930, 79.9730

Previews

White Background



This preview shows how the YIQ color 41.9520, 1.0960, 24.2000 looks on a white background.

Color Contrast Check

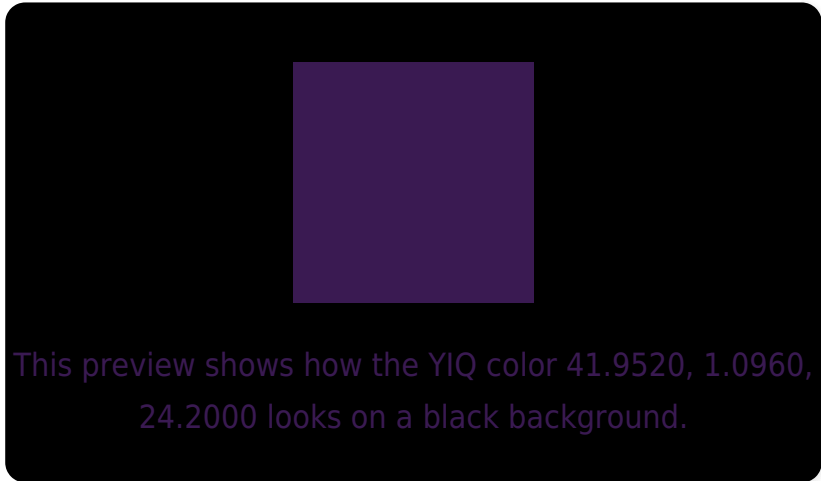
Large Text (above 18pt) WCAG AA ✓ Pass

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

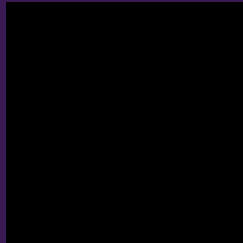
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.9520, 1.0960, 24.2000

Background



This preview shows how black text looks on a background with the YIQ color 41.9520, 1.0960, 24.2000.



This preview shows how white text looks on a background with the YIQ color 41.9520, 1.0960,

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

41.9520, 1.0960, 24.2000

Protanopia

33.8710, -38.8810, 5.3030

Deuteranopia

33.9050, -36.2210, 1.1470



Tritanopia

42.9300, 6.1890, 3.4770

Trichromacy



Original Color

41.9520, 1.0960, 24.2000

Protanomaly

37.1010, -24.6690, 12.0590

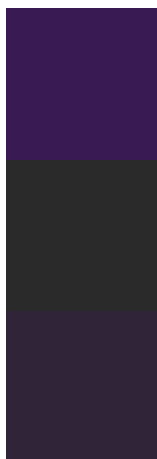
Deuteranomaly

36.8900, -22.6970, 9.3590

Tritanomaly

42.6020, 4.5370, 11.3930

Monochromacy



Original Color

41.9520, 1.0960, 24.2000

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.9820, 0.4110, 9.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.9520, 1.0960, 24.2000 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(58, 26, 82)` looks like.

```
.text, #text, p{  
    color:rgb(58, 26, 82)  
}
```

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(58, 26, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 26, 82) }
```

Border

The CSS property to change the border of an element to YIQ 41.9520, 1.0960, 24.2000 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(58, 26, 82) }
```


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

```
.border{ border-color:rgb(58, 26, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 26, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 26, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 26, 82);  
box-shadow:4px 4px 4px 4px rgb(58, 26, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.9520, 1.0960, 24.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 26, 82) }
```

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

```
.background{ background-color: rgb(58, 26,  
82) }
```

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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