

Converting Colors

YIQ(42.4640, 5.4060, 23.1820)

Have a look what the booklet for
YIQ(42.4640, 5.4060, 23.1820)
contains.

YIQ(42.4640, 5.4060, 23.1820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(42.4640, 5.4060,
23.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	3E1A4C
RGB	62, 26, 76
RGB Percent	24%, 10%, 30%
CMY	0.7567, 0.8981, 0.7020
CMYK	0.18, 0.66, 0.00, 0.70
HSL	283°, 49%, 20%
HSV	283°, 66%, 30%
XYZ	3.6619, 2.2850, 7.0847
YIQ	42.4640, 5.4060, 23.1820

Conversions

Conversions Part 2

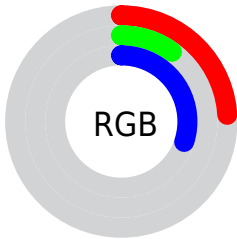
Format	Color
R_{YB}	62, 26, 76
Decimal	4069964
CIE _{Lab}	16.92, 26.99, -23.69
CIE _{LCh}	17, 35.911, 318.726
Yxy	2.2850, 0.2810, 0.1753
Android (android.graphics.Color)	4282260044 (0xFF3E1A4C)
YUV	42.4640, 16.5332, 17.1331
Hunter-Lab	15.1161, 16.7887, -17.2072

Details

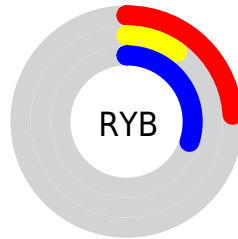
The YIQ color **42.4640, 5.4060, 23.1820** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **59.5360, -5.4060, -23.1820**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.7030, 6.2310, 24.7510**, and **7.8340, -1.9280, 12.9200** is the 20% darker color. If you saturate the color by 10%, you get **37.1700, 6.4140, 26.9420**, and if you desaturate by 10%, it is **47.7580, 4.3980, 19.4220**.

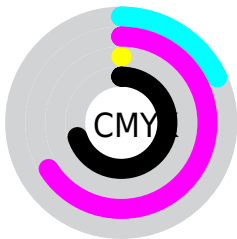
Distribution



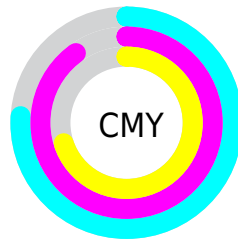
- Red (24%)
- Green (10%)
- Blue (30%)



- Red (24%)
- Yellow (10%)
- Blue (30%)



- Cyan (18%)
- Magenta (66%)
- Yellow (0%)
- Black (70%)



- Cyan (76%)
- Magenta (90%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.4640, 5.4060, 23.1820 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 42.4640, 5.4060, 23.1820 by changing the saturation by 10% instead.

■ 42.4640, 5.4060,
23.1820

■ 42.4640, 5.4060,
23.1820

■ 255.0000, -0.0000,
-0.0000

■ 20.0510, 5.1310,
22.6590

■ 89.7030, 6.2310,
24.7510

■ 7.8340, -1.9280,
12.9200

■ 114.5290, 6.7810,
25.7970

■ 0.3420, -0.9630,
0.9330

■ 140.3550, 7.3310,
26.8430

■ 0.0000, 0.0000,
0.0000

■ 166.8820, 7.2850,
27.6770


■ 194.5940, 8.1560,
28.4120


■ 221.7960, 10.4030,

26.2350


 240.3250, 6.8750,
13.0750


 42.4640, 5.4060,
23.1820


 42.4640, 5.4060,
23.1820

 37.1700, 6.4140,
26.9420


 47.7580, 4.3980,
19.4220


 32.4630, 7.1470,
30.1790


 52.4650, 3.6650,
16.1850

 27.1690, 8.1550,
33.9390

 57.7590, 2.6570,
12.4250

 25.1090, 8.3840,
35.2960

 62.7650, 2.5200,
9.4000

 68.0590, 1.5120,
5.6400

■ 73.3530, 0.5040,
1.8800

■ 78.0600, -0.2290,
-1.3570

■ 83.3540, -1.2370,
-5.1170

■ 88.0610, -1.9700,
-8.3540

Harmonies

Analogous

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



36.2570, -33.9760, 10.0240



42.4640, 5.4060, 23.1820



37.0170, 28.8340, 28.1140

Triad

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



42.4640, 5.4060, 23.1820



39.9580, 26.1810, -6.4190



37.7230, -33.1930, -9.6810

Complementary

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



42.4640, 5.4060, 23.1820



59.5360, -5.4060, -23.1820

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.



34.0580, -24.2510, -17.5550



42.4640, 5.4060, 23.1820



37.7770, 10.2730, -15.4790

Square

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



42.4640, 5.4060, 23.1820



37.9970, 39.6130, 3.4610



29.6490, -13.1540, -25.9380



39.6440, -39.9800, -2.3160

Rectangle

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



42.4640, 5.4060, 23.1820



34.4000, 37.8210, 24.9330



29.6490, -13.1540, -25.9380



36.6970, -30.3040, -12.4800

Sweetspot

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



42.4640, 5.4060, 23.1820



86.3520, 2.2450, 8.8770



39.9180, -19.9000, 8.2280



43.0590, 1.5120, 5.6400



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



42.4640, 5.4060, 23.1820



46.9350, 8.9340, 36.3420



45.3960, 17.2810, 22.7290



35.3530, 0.5040, 1.8800



33.7540, 11.3620, 47.4100



75.5550, 24.5100, 106.5100

Inverse Universe

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



42.5460, 25.3060, 14.9540



46.8300, 39.4260, 23.3780



56.6040, -17.2810, -22.7290



35.3100, 2.0630, 1.1590



33.6900, 51.8040, 30.3320



76.0660, 116.5360, 68.6640

Previews

White Background



This preview shows how the YIQ color 42.4640, 5.4060, 23.1820 looks on a white background.

Color Contrast Check

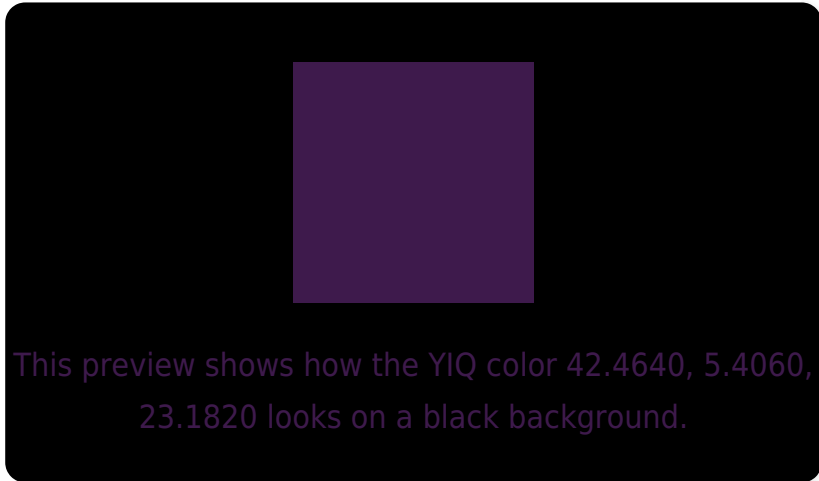
Large Text (above 18pt) WCAG AA ✓ Pass

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

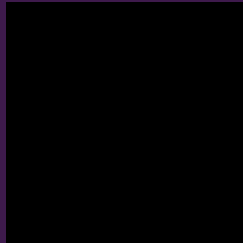
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.4640, 5.4060, 23.1820

Background



This preview shows how black text looks on a background with the YIQ color 42.4640, 5.4060, 23.1820.



This preview shows how white text looks on a background with the YIQ color 42.4640, 5.4060,

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

42.4640, 5.4060, 23.1820

Protanopia

33.9850, -39.2020, 5.6140

Deuteranopia

39.5430, -23.3380, 4.4540



Tritanopia

43.3220, 10.9570, 5.1730

Trichromacy



Original Color

42.4640, 5.4060, 23.1820

Protanomaly

37.4710, -22.8350, 11.8610

Deuteranomaly

40.6200, -13.0690, 11.0830

Tritanomaly

43.0540, 9.0760, 11.7320

Monochromacy



Original Color

42.4640, 5.4060, 23.1820

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.9390, 1.9700, 8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.4640, 5.4060, 23.1820 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(62, 26, 76)` looks like.

```
.text, #text, p{  
    color:rgb(62, 26, 76)  
}
```

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(62, 26, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 26, 76) }
```

Border

The CSS property to change the border of an element to YIQ 42.4640, 5.4060, 23.1820 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(62, 26, 76) }
```


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

```
.border{ border-color:rgb(62, 26, 76) }
```

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

Here you see how a box with a 4 pixel rgb(62, 26, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 26, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 26, 76);  
box-shadow:4px 4px 4px 4px rgb(62, 26, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.4640, 5.4060, 23.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 26, 76) }
```

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

```
.background{ background-color: rgb(62, 26,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor