

Converting Colors

YIQ(76.4440, -2.1510, -21.5990)

Have a look what the booklet for
YIQ(76.4440, -2.1510, -21.5990)
contains.

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Color

**YIQ(76.4440, -2.1510,
-21.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5B2A
RGB	61, 91, 42
RGB Percent	24%, 36%, 16%
CMY	0.7609, 0.6431, 0.8353
CMYK	0.33, 0.00, 0.54, 0.64
HSL	97°, 37%, 26%
HSV	97°, 54%, 36%
XYZ	6.0831, 8.6428, 3.5388
YIQ	76.4440, -2.1510, -21.5990

Conversions

Conversions Part 2

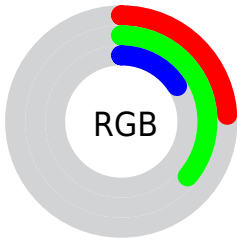
Format	Color
R_{YB}	42, 91, 72
Decimal	4021034
CIE _{Lab}	35.29, -21.07, 24.60
CIE _{LCh}	35, 32.387, 130.573
Yxy	8.6428, 0.3331, 0.4732
Android (android.graphics.Color)	4282211114 (0xFF3D5B2A)
YUV	76.4440, -16.9809, -13.5444
Hunter-Lab	29.3986, -14.5130, 13.4421

Details

The YIQ color **76.4440, -2.1510, -21.5990** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **56.5560, 2.1510, 21.5990**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.8030, -1.7840, -22.7440**, and **31.4980, -2.2430, -19.9310** is the 20% darker color. If you saturate the color by 10%, you get **73.6240, -2.8380, -25.6700**, and if you desaturate by 10%, it is **79.2640, -1.4640, -17.5280**.

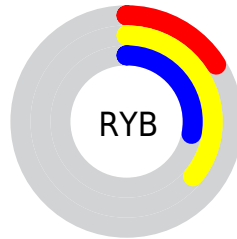
Distribution



Red (24%)

Green (36%)

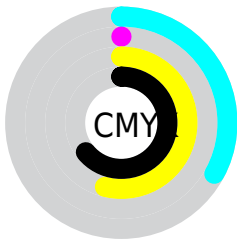
Blue (16%)



Red (16%)

Yellow (36%)

Blue (28%)

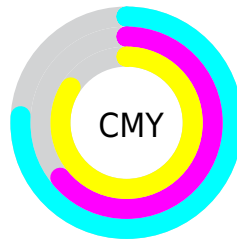


Cyan (33%)

Magenta (0%)

Yellow (54%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.4440, -2.1510, -21.5990 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 76.4440, -2.1510, -21.5990 by changing the saturation by 10% instead.

■ 76.4440, -2.1510,
-21.5990

■ 76.4440, -2.1510,
-21.5990

■ 255.0000, -0.0000,
-0.0000

■ 52.9710, -2.1970,
-20.7650

■ 125.8030, -1.7840,
-22.7440

■ 31.4980, -2.2430,
-19.9310

■ 152.2760, -1.7380,
-23.5780

■ 15.2620, -7.1500,
-13.5980

■ 179.0480, -1.0960,
-24.2000

■ 0.0000, 0.0000,
0.0000

■ 206.6350, -1.3710,
-24.7230

■ 235.1080, -1.3250,
-25.5570

■ 248.7320, 6.1460,

-12.2700

254.4300, 1.6050,
-1.5550

■ 76.4440, -2.1510,
-21.5990

■ 76.4440, -2.1510,
-21.5990

■ 73.6240, -2.8380,
-25.6700

■ 79.2640, -1.4640,
-17.5280

■ 71.1030, -2.9290,
-29.5290

■ 81.7850, -1.3730,
-13.6690

■ 68.2830, -3.6160,
-33.6000

■ 84.6050, -0.6860,
-9.5980

■ 65.7620, -3.7070,
-37.4590

■ 87.1260, -0.5950,
-5.7390

■ 63.8820, -4.1650,
-40.1730

■ 90.0600, -0.2290,
-1.3570

■ 92.5810, -0.1380,
2.5020

■ 95.4010, 0.5490,
6.5730

■ 98.2210, 1.2360,
10.6440

■ 100.7420, 1.3270,
14.5030

Harmonies

Analogous

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



79.9260, 20.0390, -16.2570



76.4440, -2.1510, -21.5990



68.2580, -36.8580, -25.8660

Triad

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



76.4440, -2.1510, -21.5990



67.7640, -66.8010, -6.3290



83.5260, 37.2260, 19.1940

Complementary

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



76.4440, -2.1510, -21.5990



56.5560, 2.1510, 21.5990

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.



84.9730, 22.9660, 24.3260



76.4440, -2.1510, -21.5990



80.1430, -33.6550, 9.7130

Square

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



76.4440, -2.1510, -21.5990



68.9890, -63.3610, -13.6090



85.1750, -1.1500, 20.8500



82.5290, 41.1710, 8.2670

Rectangle

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



76.4440, -2.1510, -21.5990



65.8140, -53.0430, -24.3950



85.1750, -1.1500, 20.8500



84.2530, 33.7410, 21.7810

Sweetspot

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



76.4440, -2.1510, -21.5990



111.6590, -0.7780, -7.9300



73.6740, 21.2290, -4.7790



55.6530, -0.6410, -4.9050



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



76.4440, -2.1510, -21.5990



94.5820, -3.0200, -33.3880



71.3330, -15.0800, -24.0720



44.5330, -0.1830, -2.1910



77.1280, -5.2180, -48.6260



166.6270, -10.3430, -104.4470

Inverse Universe

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



56.5560, 2.1510, 21.5990



63.7170, 3.6160, 33.6000



61.6670, 15.0800, 24.0720



42.4670, 0.1830, 2.1910



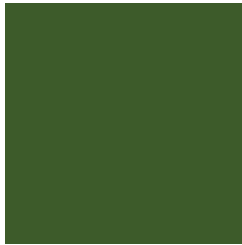
32.5730, 4.6220, 48.4140



70.3730, 10.3430, 104.4470

Previews

White Background



This preview shows how the YIQ color 76.4440, -2.1510, -21.5990 looks on a white background.

Color Contrast Check

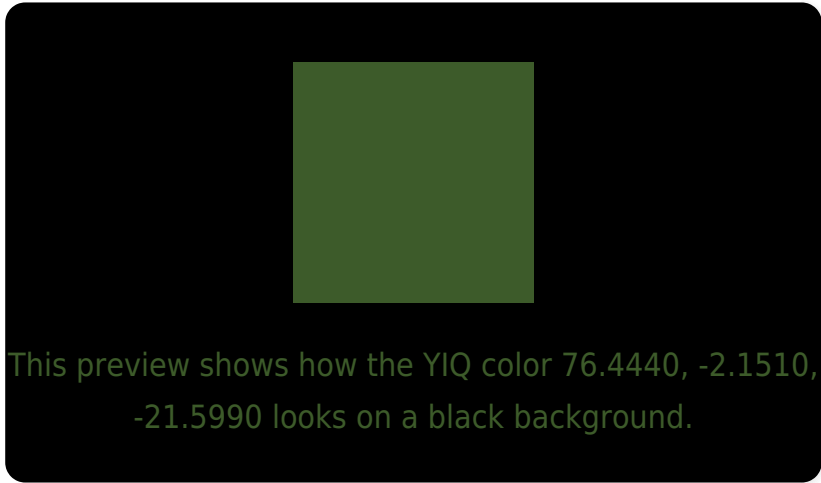
Large Text (above 18pt) WCAG AA ✓ Pass

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

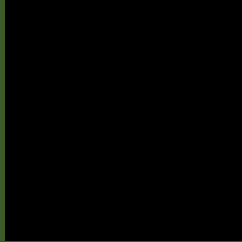
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.4440, -2.1510, -21.5990

Background



This preview shows how black text looks on a background with the YIQ color 76.4440, -2.1510, -21.5990.



This preview shows how white text looks on a background with the YIQ color 76.4440, -2.1510, -21.5990.

-21.5990.

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

76.4440, -2.1510, -21.5990

Protanopia

80.6750, 19.4880, -11.7760

Deuteranopia

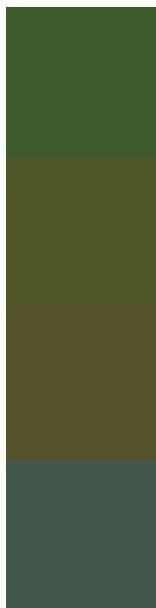
81.7020, 24.0260, -5.9100



Tritanopia

81.6010, -12.0580, -1.7380

Trichromacy



Original Color

76.4440, -2.1510, -21.5990

Protanomaly

79.2610, 11.7860, -15.3660

Deuteranomaly

79.4510, 14.3070, -11.4930

Tritanomaly

79.8260, -8.6180, -9.0180

Monochromacy



Original Color

76.4440, -2.1510, -21.5990

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0720, -0.5030, -7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.4440, -2.1510, -21.5990 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(61, 91, 42)` looks like.

```
.text, #text, p{  
    color:rgb(61, 91, 42)  
}
```

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(61, 91, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 91, 42) }
```

Border

The CSS property to change the border of an element to YIQ 76.4440, -2.1510, -21.5990 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(61, 91, 42) }
```


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

```
.border{ border-color:rgb(61, 91, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 91, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 91, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 91, 42);  
box-shadow:4px 4px 4px 4px rgb(61, 91, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.4440, -2.1510, -21.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 91, 42) }
```

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

```
.background{ background-color: rgb(61, 91,  
42) }
```

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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