

Converting Colors

YIQ(76.6600, -2.5190, -14.9270)

Have a look what the booklet for
YIQ(76.6600, -2.5190, -14.9270)
contains.

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Color

**YIQ(76.6600, -2.5190,
-14.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	415736
RGB	65, 87, 54
RGB Percent	25%, 34%, 21%
CMY	0.7452, 0.6588, 0.7882
CMYK	0.25, 0.00, 0.38, 0.66
HSL	100°, 23%, 28%
HSV	100°, 38%, 34%
XYZ	6.2536, 8.2074, 4.7451
YIQ	76.6600, -2.5190, -14.9270

Conversions

Conversions Part 2

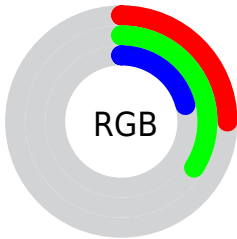
Format	Color
RYB	54, 87, 76
Decimal	4282166
CIELab	34.41, -15.44, 16.53
CIELCh	34, 22.620, 133.034
Yxy	8.2074, 0.3256, 0.4273
Android (android.graphics.Color)	4282472246 (0xFF415736)
YUV	76.6600, -11.1714, -10.2258
Hunter-Lab	28.6486, -11.1708, 10.2338

Details

The YIQ color **76.6600, -2.5190, -14.9270** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **64.3400, 2.5190, 14.9270**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.0190, -2.1520, -16.0720**, and **31.4860, -1.9690, -13.8810** is the 20% darker color. If you saturate the color by 10%, you get **73.8400, -3.2060, -18.9980**, and if you desaturate by 10%, it is **79.4800, -1.8320, -10.8560**.

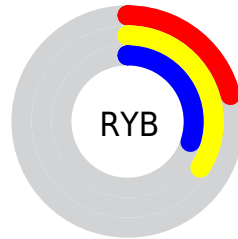
Distribution



Red (25%)

Green (34%)

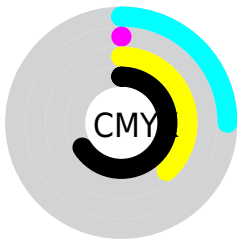
Blue (21%)



Red (21%)

Yellow (34%)

Blue (30%)

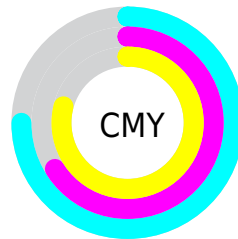


Cyan (25%)

Magenta (0%)

Yellow (38%)

Black (66%)



Cyan (75%)

Magenta (66%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.6600, -2.5190, -14.9270 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 76.6600, -2.5190, -14.9270 by changing the saturation by 10% instead.

■ 76.6600, -2.5190,
-14.9270

■ 76.6600, -2.5190,
-14.9270

■ 255.0000, -0.0000,
-0.0000

■ 53.7740, -2.8400,
-14.6160

■ 126.0190, -2.1520,
-16.0720

■ 31.4860, -1.9690,
-13.8810

■ 151.6060, -2.4270,
-16.5950

■ 13.5010, -6.3250,
-12.0290

■ 178.4920, -2.1060,
-16.9060

■ 0.0000, 0.0000,
0.0000

■ 206.0790, -2.3810,
-17.4290

■ 234.6660, -2.6560,
-17.9520

■ 251.2250, 3.4400,

-7.2800

■ 76.6600, -2.5190,
-14.9270

■ 76.6600, -2.5190,
-14.9270

■ 73.8400, -3.2060,
-18.9980

■ 79.4800, -1.8320,
-10.8560

■ 71.1340, -4.2140,
-22.7580

■ 82.1860, -0.8240,
-7.0960

■ 68.6130, -4.3050,
-26.6170

■ 84.7070, -0.7330,
-3.2370

■ 65.7930, -4.9920,
-30.6880

■ 87.5270, -0.0460,
0.8340

■ 62.9730, -5.6790,
-34.7590

■ 90.3470, 0.6410,
4.9050

■ 60.2670, -6.6870,
-38.5190

■ 93.0530, 1.6490,
8.6650

■ 59.7400, -6.6410,
-39.3530

■ 95.8730, 2.3360,
12.7360

■ 98.3940, 2.4270,
16.5950

■ 101.1000, 3.4350,
20.3550

Harmonies

Analogous

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



78.6790, 13.6650, -10.8710



76.6600, -2.5190, -14.9270



73.3680, -22.1880, -16.3960

Triad

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



76.6600, -2.5190, -14.9270



74.3560, -39.1090, -1.5810



82.4490, 26.9570, 12.5650

Complementary

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



76.6600, -2.5190, -14.9270



64.3400, 2.5190, 14.9270

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.



82.9950, 16.7320, 16.1560



76.6600, -2.5190, -14.9270



80.5160, -18.7080, 8.6520

Square

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



76.6600, -2.5190, -14.9270



64.5120, -57.5840, -13.6800



82.8560, 1.0060, 14.8140



81.3750, 29.8010, 5.0730

Rectangle

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



76.6600, -2.5190, -14.9270



69.9410, -37.0430, -17.0030



82.8560, 1.0060, 14.8140



82.8340, 24.4350, 14.2190

Sweetspot

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



76.6600, -2.5190, -14.9270



108.2400, -0.9160, -5.4280



76.7810, 13.6180, -4.5100



53.7070, -0.7330, -3.2370



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



76.6600, -2.5190, -14.9270



96.0200, -3.8930, -23.0690



74.0550, -11.0010, -15.3930



41.6470, -0.5040, -1.8800



73.5730, -7.9690, -48.3290



161.2670, -18.1370, -106.3690

Inverse Universe

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



64.3400, 2.5190, 14.9270



76.9800, 3.8930, 23.0690



67.0590, 10.6800, 15.7040



40.3530, 0.5040, 1.8800



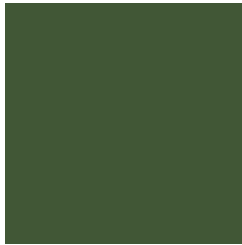
33.4270, 7.9690, 48.3290



73.7330, 18.1370, 106.3690

Previews

White Background



This preview shows how the YIQ color 76.6600, -2.5190, -14.9270 looks on a white background.

Color Contrast Check

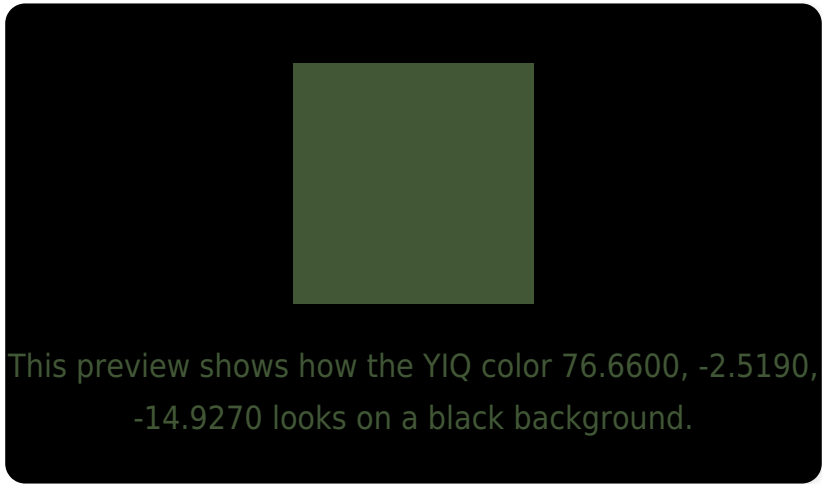
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.6600, -2.5190, -14.9270

Background



This preview shows how black text looks on a background with the YIQ color 76.6600, -2.5190, -14.9270.



This preview shows how white text looks on a background with the YIQ color 76.6600, -2.5190, -14.9270.

-14.9270.

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

76.6600, -2.5190, -14.9270

Protanopia

79.7870, 13.4810, -7.5350

Deuteranopia

80.2870, 18.0650, -2.5030



Tritanopia

80.0960, -9.0780, -0.6780

Trichromacy



Original Color

76.6600, -2.5190, -14.9270

Protanomaly

78.6830, 7.8420, -9.9660

Deuteranomaly

79.2320, 10.7300, -7.2380

Tritanomaly

78.6030, -6.3720, -5.6680

Monochromacy



Original Color

76.6600, -2.5190, -14.9270

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.2400, -0.9160, -5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.6600, -2.5190, -14.9270 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(65, 87, 54)` looks like.

```
.text, #text, p{  
    color:rgb(65, 87, 54)  
}
```

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(65, 87, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 87, 54) }
```

Border

The CSS property to change the border of an element to YIQ 76.6600, -2.5190, -14.9270 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(65, 87, 54) }
```


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

```
.border{ border-color:rgb(65, 87, 54) }
```

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

Here you see how a box with a 4 pixel rgb(65, 87, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 87, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 87, 54);  
box-shadow:4px 4px 4px 4px rgb(65, 87, 54)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.6600, -2.5190, -14.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 87, 54) }
```

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

```
.background{ background-color: rgb(65, 87,  
54) }
```

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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