

Converting Colors

YIQ(77.6150, -15.8140,
-21.7820)

Have a look what the booklet for
YIQ(77.6150, -15.8140, -21.7820)
contains.

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Color

**YIQ(77.6150, -15.8140,
-21.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	31603A
RGB	49, 96, 58
RGB Percent	19%, 38%, 23%
CMY	0.8080, 0.6234, 0.7726
CMYK	0.49, 0.00, 0.40, 0.62
HSL	132°, 32%, 28%
HSV	132°, 49%, 38%
XYZ	6.2131, 9.3268, 5.4746
YIQ	77.6150, -15.8140, -21.7820

Conversions

Conversions Part 2

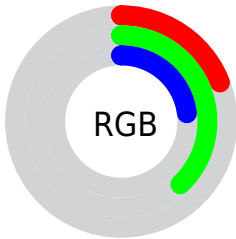
Format	Color
R_{YB}	49, 88, 96
Decimal	3235898
CIE _{Lab}	36.61, -25.33, 16.88
CIE _{LCh}	37, 30.444, 146.322
Yxy	9.3268, 0.2957, 0.4438
Android (android.graphics.Color)	4281425978 (0xFF31603A)
YUV	77.6150, -9.6702, -25.0954
Hunter-Lab	30.5399, -17.1302, 10.7495

Details

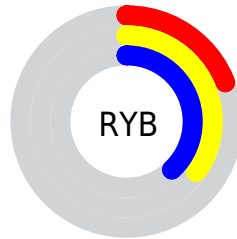
The YIQ color **77.6150, -15.8140, -21.7820** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.3850, 15.8140, 21.7820**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.6750, -16.0430, -23.1390**, and **30.4730, -18.2900, -20.9620** is the 20% darker color. If you saturate the color by 10%, you get **73.7130, -19.2060, -26.3900**, and if you desaturate by 10%, it is **81.5170, -12.4220, -17.1740**.

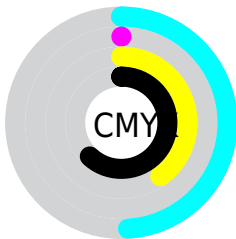
Distribution



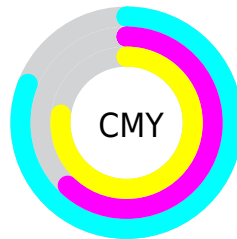
- Red (19%)
- Green (38%)
- Blue (23%)



- Red (19%)
- Yellow (35%)
- Blue (38%)



- Cyan (49%)
- Magenta (0%)
- Yellow (40%)
- Black (62%)



- Cyan (81%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.6150, -15.8140, -21.7820 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 77.6150, -15.8140, -21.7820 by changing the saturation by 10% instead.

■ 77.6150, -15.8140,
-21.7820

■ 77.6150, -15.8140,
-21.7820

■ 255.0000, -0.0000,
-0.0000

■ 53.5440, -17.0520,
-21.3720

■ 127.6750,
-16.0430, -23.1390

■ 30.4730, -18.2900,
-20.9620

■ 154.1480,
-15.9970, -23.9730

■ 17.6100, -8.2500,
-15.6900

■ 181.0340,
-15.6760, -24.2840

■ 0.0000, 0.0000,
0.0000

■ 208.6210,
-15.9510, -24.8070

■ 235.4470,
-15.4010, -23.7610

■ 247.0110, -7.7010,

-9.1170

■ 77.6150, -15.8140,
-21.7820

■ 77.6150, -15.8140,
-21.7820

■ 73.7130, -19.2060,
-26.3900

■ 81.5170, -12.4220,
-17.1740

■ 70.1100, -22.0020,
-30.7860

■ 85.1200, -9.6260,
-12.7780

■ 66.3220, -25.7150,
-35.0830

■ 88.9080, -5.9130,
-8.4810

■ 62.7190, -28.5110,
-39.4790

■ 92.5110, -3.1170,
-4.0850

■ 58.8170, -31.9030,
-44.0870

■ 96.4130, 0.2750,
0.5230

■ 58.4040, -32.1780,
-44.6100

■ 100.3150, 3.6670,
5.1310

■ 103.8040, 6.7840,
9.2160

■ 107.7060, 10.1760,
13.8240

■ 111.3090, 12.9720,
18.2200

Harmonies

Analogous

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



81.7120, 8.8980, -18.0940



77.6150, -15.8140, -21.7820



66.8740, -53.2720, -25.7520

Triad

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



77.6150, -15.8140, -21.7820



78.3860, -47.8210, 2.1230



86.3210, 39.0610, 13.4690

Complementary

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



77.6150, -15.8140, -21.7820



67.3850, 15.8140, 21.7820

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.



87.8720, 30.4400, 21.0320



77.6150, -15.8140, -21.7820



87.1840, -14.5370, 15.6630

Square

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



77.6150, -15.8140, -21.7820



70.1290, -66.5710, -10.4990



89.3460, 11.5500, 21.9660



85.7470, 37.3210, 0.9450

Rectangle

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



77.6150, -15.8140, -21.7820



69.3990, -59.0040, -20.9880



89.3460, 11.5500, 21.9660



86.6460, 36.7680, 16.4800

Sweetspot

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



77.6150, -15.8140, -21.7820



117.6090, -6.5090, -8.6930



87.9510, 9.7230, -16.5250



59.2720, -3.9420, -5.6540



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



77.6150, -15.8140, -21.7820



96.0340, -24.8440, -34.3480



80.2370, -23.1970, -14.6290



46.4620, -1.4210, -1.7810



68.2520, -37.8620, -51.7340



146.1240, -80.7660, -111.2140

Inverse Universe

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



67.3850, 15.8140, 21.7820



79.9660, 24.8440, 34.3480



64.7630, 23.1970, 14.6290



45.6520, 1.1000, 2.0920



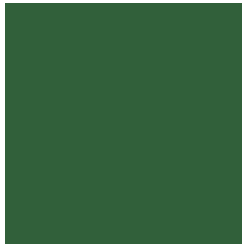
43.8620, 37.5410, 52.0450



93.8760, 80.7660, 111.2140

Previews

White Background



This preview shows how the YIQ color 77.6150, -15.8140, -21.7820 looks on a white background.

Color Contrast Check

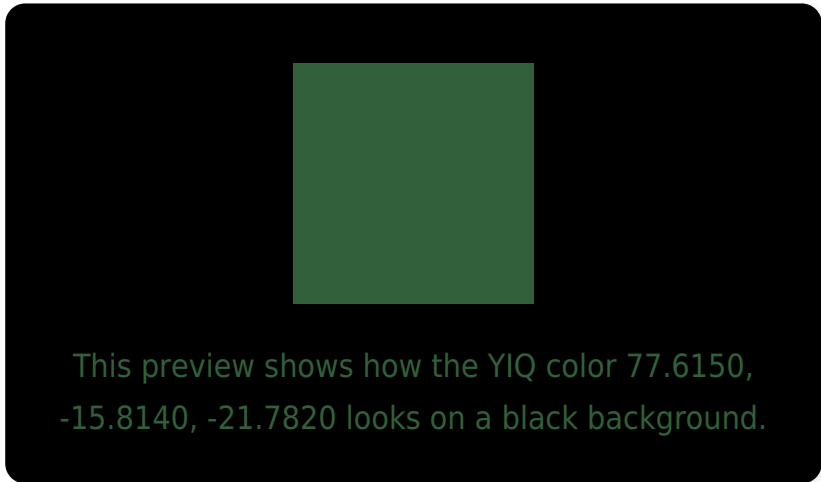
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.6150, -15.8140, -21.7820

Background



This preview shows how black text looks on a background with the YIQ color 77.6150, -15.8140, -21.7820.



This preview shows how white text looks on a background with the YIQ color 77.6150, -15.8140,

-21.7820.

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

77.6150, -15.8140, -21.7820

Protanopia

84.4450, 14.4440, -8.4680

Deuteranopia

85.5860, 18.6610, -2.2910



Tritanopia

82.0450, -22.2360, -4.5080

Trichromacy



Original Color

77.6150, -15.8140, -21.7820

Protanomaly

82.1230, 3.4870, -13.6410

Deuteranomaly

82.7260, 6.2830, -9.2450

Tritanomaly

80.6120, -19.7590, -10.8550

Monochromacy



Original Color

77.6150, -15.8140, -21.7820

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.0220, -6.2340, -8.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.6150, -15.8140, -21.7820 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(49, 96, 58)` looks like.

```
.text, #text, p{  
    color:rgb(49, 96, 58)  
}
```

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(49, 96, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 96, 58) }
```

Border

The CSS property to change the border of an element to YIQ 77.6150, -15.8140, -21.7820 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(49, 96, 58) }
```


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

```
.border{ border-color:rgb(49, 96, 58) }
```

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

Here you see how a box with a 4 pixel rgb(49, 96, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 96, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 96, 58);  
box-shadow:4px 4px 4px 4px rgb(49, 96, 58)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.6150, -15.8140, -21.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 96, 58) }
```

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

```
.background{ background-color: rgb(49, 96,  
58) }
```

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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