

Converting Colors

YIQ(77.9900, -12.3760,
-18.0080)

Have a look what the booklet for
YIQ(77.9900, -12.3760, -18.0080)
contains.

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Color

**YIQ(77.9900, -12.3760,
-18.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	375D3D
RGB	55, 93, 61
RGB Percent	22%, 36%, 24%
CMY	0.7844, 0.6352, 0.7608
CMYK	0.41, 0.00, 0.34, 0.64
HSL	129°, 26%, 29%
HSV	129°, 41%, 36%
XYZ	6.3319, 8.9798, 5.8135
YIQ	77.9900, -12.3760, -18.0080

Conversions

Conversions Part 2

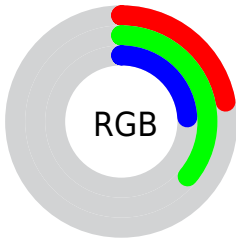
Format	Color
RYB	55, 88, 93
Decimal	3628349
CIELab	35.95, -21.21, 14.25
CIElCh	36, 25.553, 146.106
Yxy	8.9798, 0.2997, 0.4251
Android (android.graphics.Color)	4281818429 (0xFF375D3D)
YUV	77.9900, -8.3761, -20.1622
Hunter-Lab	29.9663, -14.7238, 9.4740

Details

The YIQ color **77.9900, -12.3760, -18.0080** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **70.0100, 12.3760, 18.0080**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.0500, -12.6050, -19.3650**, and **31.7340, -14.5310, -17.4990** is the 20% darker color. If you saturate the color by 10%, you get **74.3870, -15.1720, -22.4040**, and if you desaturate by 10%, it is **81.5930, -9.5800, -13.6120**.

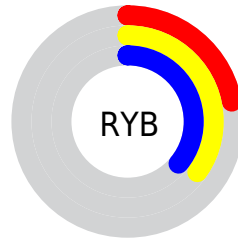
Distribution



Red (22%)

Green (36%)

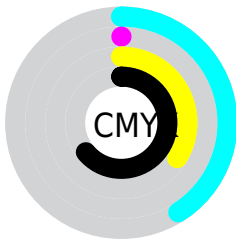
Blue (24%)



Red (22%)

Yellow (35%)

Blue (36%)

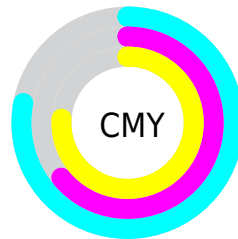


Cyan (41%)

Magenta (0%)

Yellow (34%)

Black (64%)



Cyan (78%)

Magenta (64%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.9900, -12.3760, -18.0080 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 77.9900, -12.3760, -18.0080 by changing the saturation by 10% instead.

■ 77.9900, -12.3760,
-18.0080

■ 77.9900, -12.3760,
-18.0080

■ 255.0000, -0.0000,
-0.0000

■ 54.5170, -12.4220,
-17.1740

■ 128.0500,
-12.6050, -19.3650

■ 31.7340, -14.5310,
-17.4990

■ 153.6370,
-12.8800, -19.8880

■ 16.4360, -7.7000,
-14.6440

■ 181.1100,
-12.8340, -20.7220

■ 0.0000, 0.0000,
0.0000

■ 208.6970,
-13.1090, -21.2450

■ 236.6970,
-13.1090, -21.2450

■ 248.9620, -6.0050,

-6.8130

■ 77.9900, -12.3760,
-18.0080

■ 77.9900, -12.3760,
-18.0080

■ 74.3870, -15.1720,
-22.4040

■ 81.5930, -9.5800,
-13.6120

■ 70.4850, -18.5640,
-27.0120

■ 85.4950, -6.1880,
-9.0040

■ 66.9960, -21.6810,
-31.0970

■ 88.9840, -3.0710,
-4.9190

■ 63.3930, -24.4770,
-35.4930

■ 92.5870, -0.2750,
-0.5230

■ 59.4910, -27.8690,
-40.1010

■ 96.1900, 2.5210,
3.8730

■ 56.3010, -30.3900,
-43.9740

■ 100.0920, 5.9130,
8.4810

■ 103.6950, 8.7090,
12.8770

■ 107.2980, 11.5050,
17.2730

■ 111.0860, 15.2180,
21.5700

Harmonies

Analogous

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



81.2220, 7.5220, -15.1820



77.9900, -12.3760, -18.0080



71.8760, -38.4180, -19.6180

Triad

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



77.9900, -12.3760, -18.0080



79.3720, -36.0380, 3.3380



85.3310, 33.1010, 11.3490

Complementary

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



77.9900, -12.3760, -18.0080



70.0100, 12.3760, 18.0080

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.



86.1270, 25.1680, 17.4560



77.9900, -12.3760, -18.0080



85.5710, -11.3730, 13.3870

Square

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



77.9900, -12.3760, -18.0080



67.4560, -63.1780, -11.4180



87.4550, 9.6250, 18.3050



84.5230, 32.1400, 1.2280

Rectangle

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



77.9900, -12.3760, -18.0080



66.5950, -56.6200, -20.1400



87.4550, 9.6250, 18.3050



85.4280, 31.4500, 13.7380

Sweetspot

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



77.9900, -12.3760, -18.0080



114.1470, -5.0880, -6.9120



86.8740, 8.6220, -13.0900



57.8100, -2.5210, -3.8730



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



77.9900, -12.3760, -18.0080



96.6590, -19.1140, -28.0580



80.1560, -18.4750, -12.0990



44.0490, -1.6960, -2.3040



66.5080, -35.7070, -52.2430



143.4510, -77.3730, -112.1330

Inverse Universe

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



70.0100, 12.3760, 18.0080



84.3410, 19.1140, 28.0580



67.8440, 18.4750, 12.0990



42.9510, 1.6960, 2.3040



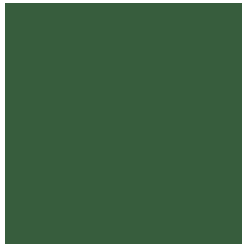
43.3780, 36.0280, 51.9320



93.6630, 77.0520, 112.4440

Previews

White Background



This preview shows how the YIQ color 77.9900, -12.3760, -18.0080 looks on a white background.

Color Contrast Check

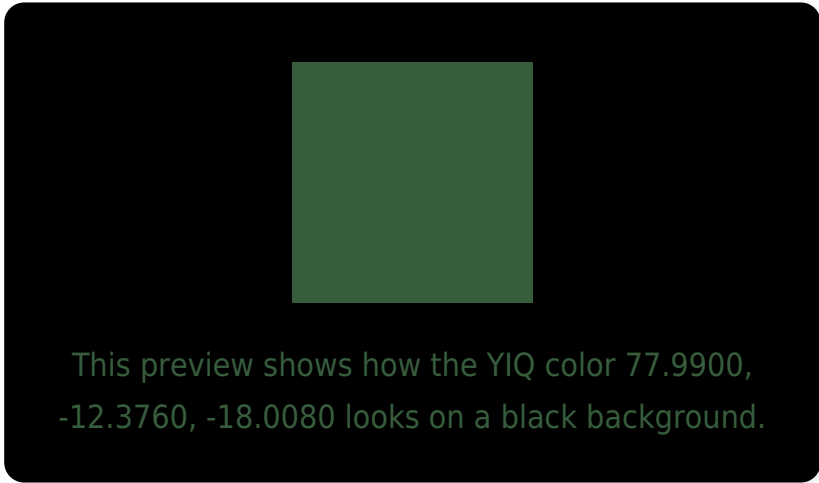
Large Text (above 18pt) WCAG AA ✓ Pass

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

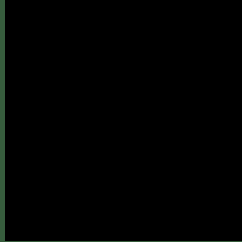
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.9900, -12.3760, -18.0080

Background



This preview shows how black text looks on a background with the YIQ color 77.9900, -12.3760, -18.0080.



This preview shows how white text looks on a background with the YIQ color 77.9900, -12.3760,

-18.0080.

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

77.9900, -12.3760, -18.0080

Protanopia

83.0150, 12.8390, -6.9130

Deuteranopia

84.4440, 16.1850, -1.4710



Tritanopia

81.7250, -18.3390, -3.5470

Trichromacy



Original Color

77.9900, -12.3760, -18.0080

Protanomaly

81.0030, 3.9450, -10.9270

Deuteranomaly

81.8940, 5.8700, -7.2660

Tritanomaly

79.9330, -16.2290, -8.7490

Monochromacy



Original Color

77.9900, -12.3760, -18.0080

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.8590, -4.2170, -6.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.9900, -12.3760, -18.0080 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(55, 93, 61)` looks like.

```
.text, #text, p{  
    color:rgb(55, 93, 61)  
}
```

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(55, 93, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 93, 61) }
```

Border

The CSS property to change the border of an element to YIQ 77.9900, -12.3760, -18.0080 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(55, 93, 61) }
```


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

```
.border{ border-color:rgb(55, 93, 61) }
```

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

Here you see how a box with a 4 pixel rgb(55, 93, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 93, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 93, 61);  
box-shadow:4px 4px 4px 4px rgb(55, 93, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.9900, -12.3760, -18.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 93, 61) }
```

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

```
.background{ background-color: rgb(55, 93,  
61) }
```

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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