

Converting Colors

YIQ(77.2500, -16.0440,
-17.6120)

Have a look what the booklet for
YIQ(77.2500, -16.0440, -17.6120)
contains.

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Color

**YIQ(77.2500, -16.0440,
-17.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	335D41
RGB	51, 93, 65
RGB Percent	20%, 36%, 25%
CMY	0.8001, 0.6352, 0.7451
CMYK	0.45, 0.00, 0.30, 0.64
HSL	140°, 29%, 28%
HSV	140°, 45%, 36%
XYZ	6.2335, 8.9163, 6.3919
YIQ	77.2500, -16.0440, -17.6120

Conversions

Conversions Part 2

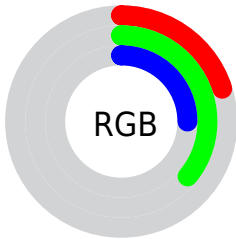
Format	Color
RYB	51, 83, 93
Decimal	3366209
CIELab	35.82, -21.74, 11.62
CIElCh	36, 24.649, 151.874
Yxy	8.9163, 0.2894, 0.4139
Android (android.graphics.Color)	4281556289 (0xFF335D41)
YUV	77.2500, -6.0392, -23.0212
Hunter-Lab	29.8603, -14.9928, 8.2106

Details

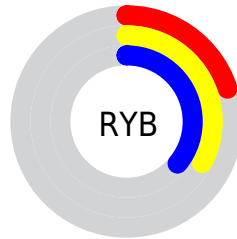
The YIQ color **77.2500, -16.0440, -17.6120** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **66.7500, 16.0440, 17.6120**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.3100, -16.2730, -18.9690**, and **30.1080, -18.5200, -16.7920** is the 20% darker color. If you saturate the color by 10%, you get **73.8750, -19.4820, -21.3860**, and if you desaturate by 10%, it is **80.6250, -12.6060, -13.8380**.

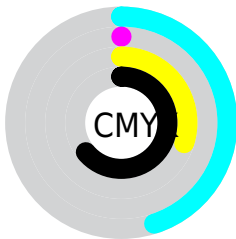
Distribution



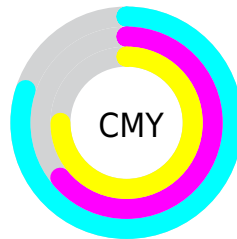
- Red (20%)
- Green (36%)
- Blue (25%)



- Red (20%)
- Yellow (33%)
- Blue (36%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.2500, -16.0440, -17.6120 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 77.2500, -16.0440, -17.6120 by changing the saturation by 10% instead.

■ 77.2500, -16.0440,
-17.6120

■ 77.2500, -16.0440,
-17.6120

■ 255.0000, -0.0000,
-0.0000

■ 53.4780, -16.6860,
-16.9900

■ 127.3100,
-16.2730, -18.9690

■ 30.1080, -18.5200,
-16.7920

■ 152.8970,
-16.5480, -19.4920

■ 16.4360, -7.7000,
-14.6440

■ 180.4840,
-16.8230, -20.0150

■ 0.0000, 0.0000,
0.0000

■ 208.0710,
-17.0980, -20.5380

■ 236.6580,
-17.3730, -21.0610

■ 248.2220, -9.6730,

-6.4170

■ 77.2500, -16.0440,
-17.6120

■ 77.2500, -16.0440,
-17.6120

■ 73.8750, -19.4820,
-21.3860

■ 80.6250, -12.6060,
-13.8380

■ 70.2010, -23.5160,
-25.3720

■ 84.2990, -8.5720,
-9.8520

■ 66.7120, -26.6330,
-29.4570

■ 87.7880, -5.4550,
-5.7670

■ 63.3370, -30.0710,
-33.2310

■ 91.1630, -2.0170,
-1.9930

■ 59.6630, -34.1050,
-37.2170

■ 94.5380, 1.4210,
1.7810

■ 58.1250, -35.5260,
-38.9980

■ 98.2120, 5.4550,
5.7670

■ 101.5870, 8.8930,
9.5410

■ 105.0760, 12.0100,
13.6260

■ 108.7500, 16.0440,
17.6120

Harmonies

Analogous

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



80.3680, 4.1750, -15.0970



77.2500, -16.0440, -17.6120



71.1360, -42.0860, -19.2220

Triad

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



77.2500, -16.0440, -17.6120



81.2480, -29.7570, 5.1470



85.1520, 32.0470, 8.4230

Complementary

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



77.2500, -16.0440, -17.6120



66.7500, 16.0440, 17.6120

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.



86.2580, 26.1770, 15.6890



77.2500, -16.0440, -17.6120



86.1370, -7.1550, 14.0370

Square

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



77.2500, -16.0440, -17.6120



70.8700, -55.4760, -7.8280



86.8960, 12.6970, 17.6970



84.3870, 29.5270, -0.9770

Rectangle

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



77.2500, -16.0440, -17.6120



66.9370, -57.5830, -19.2070



86.8960, 12.6970, 17.6970



85.0750, 30.9460, 11.8580

Sweetspot

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



77.2500, -16.0440, -17.6120



113.6630, -6.6010, -7.0250



84.0260, 5.1380, -16.0300



57.2120, -3.7130, -4.2970



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.



77.2500, -16.0440, -17.6120



95.6630, -24.9370, -27.1530



79.6440, -22.7850, -11.0810



44.1630, -2.0170, -1.9930



68.7880, -42.1270, -46.0230



148.1250, -90.5340, -99.3820

Inverse Universe

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



66.7500, 16.0440, 17.6120



79.3370, 24.9370, 27.1530



64.3560, 22.7850, 11.0810



42.8370, 2.0170, 1.9930



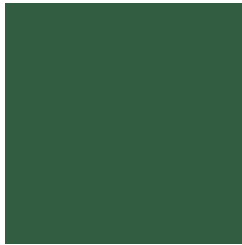
41.2120, 42.1270, 46.0230



88.8750, 90.5340, 99.3820

Previews

White Background



This preview shows how the YIQ color 77.2500, -16.0440, -17.6120 looks on a white background.

Color Contrast Check

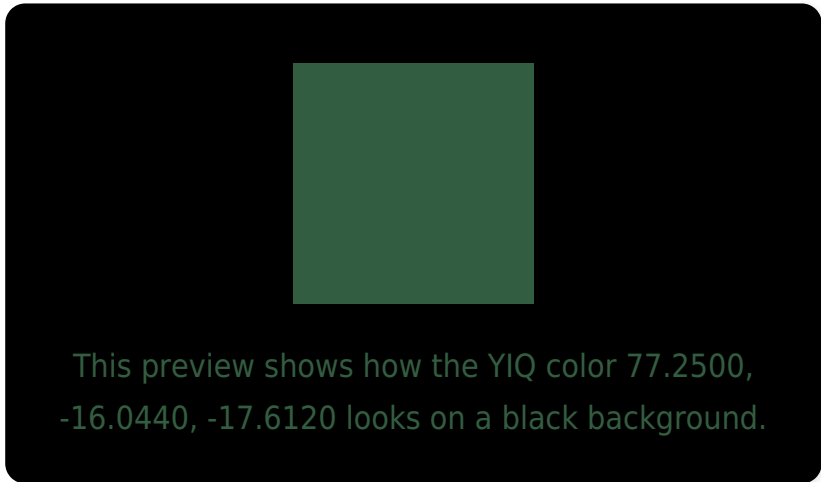
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.2500, -16.0440, -17.6120

Background



This preview shows how black text looks on a background with the YIQ color 77.2500, -16.0440, -17.6120.



This preview shows how white text looks on a background with the YIQ color 77.2500, -16.0440,

-17.6120.

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

77.2500, -16.0440, -17.6120

Protanopia

83.1720, 10.9590, -5.8810

Deuteranopia

84.6010, 14.3050, -0.4390



Tritanopia

80.5290, -20.7230, -4.3950

Trichromacy



Original Color

77.2500, -16.0440, -17.6120

Protanomaly

80.8610, 1.4690, -10.1070

Deuteranomaly

81.7520, 3.3940, -6.4460

Tritanomaly

78.9650, -19.2550, -8.9750

Monochromacy



Original Color

77.2500, -16.0440, -17.6120

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.3750, -5.7300, -6.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.2500, -16.0440, -17.6120 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(51, 93, 65)` looks like.

```
.text, #text, p{  
    color:rgb(51, 93, 65)  
}
```

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(51, 93, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 93, 65) }
```

Border

The CSS property to change the border of an element to YIQ 77.2500, -16.0440, -17.6120 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(51, 93, 65) }
```


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

```
.border{ border-color:rgb(51, 93, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 93, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 93, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 93, 65);  
box-shadow:4px 4px 4px 4px rgb(51, 93, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.2500, -16.0440, -17.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 93, 65) }
```

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

```
.background{ background-color: rgb(51, 93,  
65) }
```

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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