

Converting Colors

YUV(77.4440, -3.6699, -36.3464)

Have a look what the booklet for
YUV(77.4440, -3.6699, -36.3464)
contains.

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Color

**YUV(77.4440, -3.6699,
-36.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	246446
RGB	36, 100, 70
RGB Percent	14%, 39%, 27%
CMY	0.8588, 0.6078, 0.7255
CMYK	0.64, 0.00, 0.30, 0.61
HSL	152°, 47%, 27%
HSV	152°, 64%, 39%
XYZ	6.3902, 9.9316, 7.3745
YIQ	77.4440, -28.5140, -22.8980

Conversions

Conversions Part 2

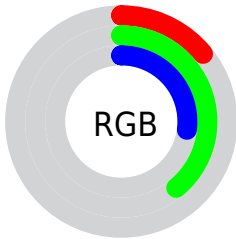
Format	Color
R_{YB}	36, 78, 100
Decimal	2384966
CIE _{Lab}	37.72, -28.24, 11.10
CIE _{LCh}	38, 30.339, 158.549
Yxy	9.9316, 0.2697, 0.4191
Android (android.graphics.Color)	4280575046 (0xFF246446)
YUV	77.4440, -3.6699, -36.3464
Hunter-Lab	31.5145, -18.9557, 8.1860

Details

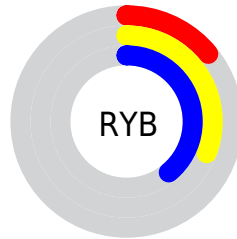
The YUV color **77.4440, -3.6699, -36.3464** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58.5560, 3.6699, 36.3464**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4010, -5.1277, -35.4317**, and **33.6020, -3.2548, -29.4690** is the 20% darker color. If you saturate the color by 10%, you get **73.8840, -4.3798, -41.9943**, and if you desaturate by 10%, it is **81.0040, -2.9600, -30.6985**.

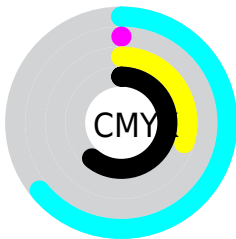
Distribution



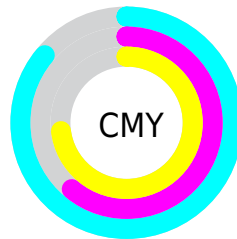
- Red (14%)
- Green (39%)
- Blue (27%)



- Red (14%)
- Yellow (31%)
- Blue (39%)



- Cyan (64%)
- Magenta (0%)
- Yellow (30%)
- Black (61%)



- Cyan (86%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4440, -3.6699, -36.3464 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 YUV color 77.4440, -3.6699, -36.3464 by changing the saturation by 10% instead.

■ 77.4440, -3.6699,
-36.3464

■ 77.4440, -3.6699,
-36.3464

255.0000, 0.0000,
0.0000

■ 50.9810, -1.4696,
-42.0793

■ 128.4010, -5.1277,
-35.4317

■ 33.6020, -3.2548,
-29.4690

■ 154.9880, -5.4171,
-35.9465

■ 19.3710, -9.5499,
-16.9884

■ 182.5750, -5.7065,
-36.4613

■ 0.0000, 0.0000,
0.0000

■ 210.1620, -5.9959,
-36.9761

■ 234.0530, -3.9701,
-33.3725

■ 245.7310, 4.5696,

-19.0581

254.4020, 0.2948,
-1.2296

■ 77.4440, -3.6699,
-36.3464

■ 77.4440, -3.6699,
-36.3464

■ 73.8840, -4.3798,
-41.9943

■ 81.0040, -2.9600,
-30.6985

■ 70.4380, -4.6529,
-47.7421

■ 84.4500, -2.6868,
-24.9506

■ 66.8780, -5.3629,
-53.3900

■ 88.0100, -1.9769,
-19.3028

■ 64.7420, -5.7888,
-56.7787

■ 91.5700, -1.2670,
-13.6549

■ 95.0160, -0.9939,
-7.9070

■ 98.5760, -0.2840,
-2.2592

■ 102.1360, 0.4260,
3.3887

■ 105.6960, 1.1359,
9.0366

■ 109.1420, 1.4090,
14.7845

Harmonies

Analogous

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



82.8680, -16.6969, -11.2852



77.4440, -3.6699, -36.3464



70.1170, 12.2673, -61.4926

Triad

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



77.4440, -3.6699, -36.3464



86.1000, 25.0937, -22.0127



89.0450, -14.8122, 37.6715

Complementary

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



77.4440, -3.6699, -36.3464



58.5560, 3.6699, 36.3464

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.



89.7430, -3.3243, 39.6904



77.4440, -3.6699, -36.3464



91.3380, 17.5814, 7.5966

Square

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



77.4440, -3.6699, -36.3464



71.6280, 30.7494, -62.8178



91.2500, 7.7648, 29.5987



87.7310, -22.0524, 26.5459

Rectangle

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



77.4440, -3.6699, -36.3464



71.9410, 19.2561, -63.0923



91.2500, 7.7648, 29.5987



89.3810, -11.0338, 39.1309

Sweetspot

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



77.4440, -3.6699, -36.3464



121.1570, -1.5564, -14.1697



82.8370, -23.0906, -13.8890



60.7170, -0.8465, -8.5218



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



77.4440, -3.6699, -36.3464



94.7420, -5.7888, -56.7787



80.2770, 9.7234, -38.8309



49.2770, -0.1366, -2.8739



74.4590, -6.6353, -65.3005



156.7600, -13.6857, -137.4785

Inverse Universe

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



58.5560, 3.6699, 36.3464



65.2580, 5.7888, 56.7787



55.7230, -9.7234, 38.8309



47.7230, 0.1366, 2.8739



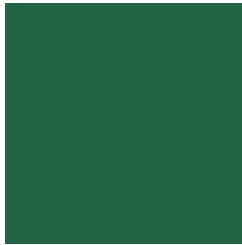
40.5410, 6.6353, 65.3005



85.3540, 14.1225, 137.3785

Previews

White Background



This preview shows how the YUV color 77.4440, -3.6699, -36.3464 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



This preview shows how the YUV color 77.4440, -3.6699, -36.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

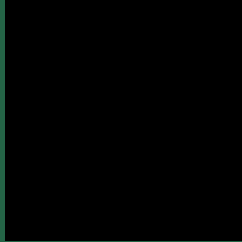
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.4440, -3.6699, -36.3464

Background



This preview shows how black text looks on a background with the YUV color 77.4440, -3.6699, -36.3464.

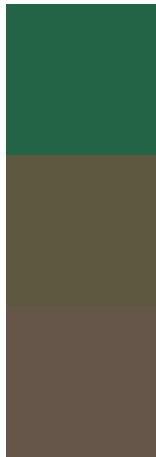


This preview shows how white text looks on a background with the YUV color 77.4440, -3.6699,

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

77.4440, -3.6699, -36.3464

Protanopia

87.4710, -11.0782, 6.6029

Deuteranopia

88.7150, -7.7475, 11.6509



Tritanopia

82.4460, 10.1331, -30.2091

Trichromacy



Original Color

77.4440, -3.6699, -36.3464

Protanomaly

83.7680, -8.2666, -8.5665

Deuteranomaly

84.3600, -6.0935, -5.5777

Tritanomaly

80.4690, 5.1918, -31.9833

Monochromacy



Original Color

77.4440, -3.6699, -36.3464

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8690, -1.4144, -13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4440, -3.6699, -36.3464 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(36, 100, 70)` looks like.

```
.text, #text, p{  
    color:rgb(36, 100, 70)  
}
```

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(36, 100, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 100, 70) }
```

Border

The CSS property to change the border of an element to YUV 77.4440, -3.6699, -36.3464 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(36, 100, 70) }
```


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

```
.border{ border-color:rgb(36, 100, 70) }
```

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

Here you see how a box with a 4 pixel rgb(36, 100, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 100, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 100, 70);  
box-shadow:4px 4px 4px 4px rgb(36, 100,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 77.4440, -3.6699, -36.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 100, 70) }
```

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

```
.background{ background-color: rgb(36, 100,  
70) }
```

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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