

Converting Colors

YUV(36.8780, 8.4411, -0.7700)

Have a look what the booklet for
YUV(36.8780, 8.4411, -0.7700)
contains.

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Color

**YUV(36.8780, 8.4411,
-0.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	242236
RGB	36, 34, 54
RGB Percent	14%, 13%, 21%
CMY	0.8588, 0.8667, 0.7882
CMYK	0.33, 0.37, 0.00, 0.79
HSL	246°, 23%, 17%
HSV	246°, 37%, 21%
XYZ	1.9654, 1.7855, 3.7311
YIQ	36.8780, -5.2280, 6.6440

Conversions

Conversions Part 2

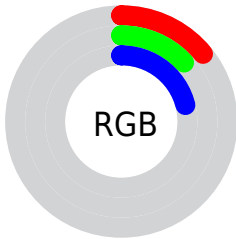
Format	Color
R_{YB}	36, 34, 54
Decimal	2368054
CIE _{Lab}	14.32, 6.56, -12.69
CIE _{LCh}	14, 14.281, 297.324
Yxy	1.7855, 0.2627, 0.2386
Android (android.graphics.Color)	4280558134 (0xFF242236)
YUV	36.8780, 8.4411, -0.7700
Hunter-Lab	13.3621, 2.8719, -7.2019

Details

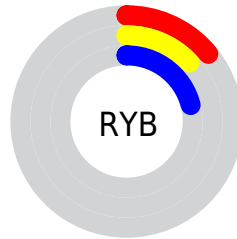
The YUV color **36.8780, 8.4411, -0.7700** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.1220, -8.4411, 0.7700**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.5190, 9.6041, -0.4552**, and **0.7980, 3.0576, -0.6998** is the 20% darker color. If you saturate the color by 10%, you get **32.4480, 10.6251, -1.2699**, and if you desaturate by 10%, it is **41.3080, 6.2572, -0.2701**.

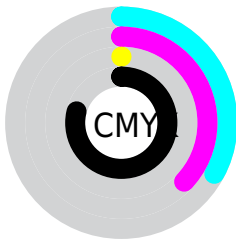
Distribution



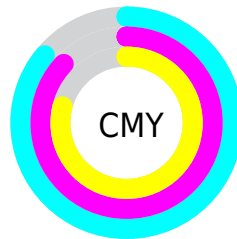
- Red (14%)
- Green (13%)
- Blue (21%)



- Red (14%)
- Yellow (13%)
- Blue (21%)



- Cyan (33%)
- Magenta (37%)
- Yellow (0%)
- Black (79%)



- Cyan (86%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8780, 8.4411, -0.7700 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 36.8780, 8.4411, -0.7700 by changing the saturation by 10% instead.

■ 36.8780, 8.4411,
-0.7700

■ 36.8780, 8.4411,
-0.7700

■ 255.0000, 0.0000,
0.0000

■ 15.5900, 8.5831,
0.3596

■ 81.5190, 9.6041,
-0.4552

■ 0.7980, 3.0576,
-0.6998

■ 105.9320, 9.8935,
0.0596

■ 0.0000, 0.0000,
0.0000

■ 131.0460, 10.3303,
-0.0403

■ 157.0460, 10.3303,
-0.0403

■ 184.1600, 10.7671,
-0.1403

■ 211.5730, 11.0565,

0.3745

239.3620, 7.7095,
0.5595

36.8780, 8.4411,
-0.7700

36.8780, 8.4411,
-0.7700

32.4480, 10.6251,
-1.2699

41.3080, 6.2572,
-0.2701

27.4310, 13.0985,
-1.2550

46.3250, 3.7838,
-0.2850

23.0010, 15.2825,
-1.7549

50.7550, 1.5998,
0.2149

18.2830, 17.6085,
-1.1252

55.4730, -0.7262,
-0.4148

13.8530, 19.7925,
-1.6251

59.9030, -2.9102,
0.0851

■ 9.4230, 21.9765,
-2.1250

■ 64.3330, -5.0942,
0.5850

■ 7.6510, 22.8501,
-2.3249

■ 69.3500, -7.5675,
0.5701

■ 73.7800, -9.7515,
1.0699

■ 78.7970, -12.2249,
1.0550

Harmonies

Analogous

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



34.3710, 10.6631, -13.4804



36.8780, 8.4411, -0.7700



37.3200, 4.7722, 9.3664

Triad

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



36.8780, 8.4411, -0.7700



36.3130, -8.0423, 12.8805



30.1500, 2.3911, -20.3026

Complementary

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



36.8780, 8.4411, -0.7700



51.1220, -8.4411, 0.7700

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.



32.6090, -3.7512, -10.1811



36.8780, 8.4411, -0.7700



35.5250, -9.6258, 7.4326

Square

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



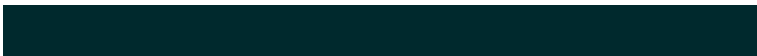
36.8780, 8.4411, -0.7700



36.6600, -4.2694, 16.0842



34.2250, -7.9989, -1.0743



29.1970, 7.7909, -25.6058

Rectangle

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



36.8780, 8.4411, -0.7700



37.5440, 1.7038, 13.5549



34.2250, -7.9989, -1.0743



31.3030, 0.3436, -16.9287

Sweetspot

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



36.8780, 8.4411, -0.7700



64.7980, 3.0576, -0.6998



46.8460, 3.5269, -11.2659



31.8690, 2.0366, 0.1149



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



36.8780, 8.4411, -0.7700



44.4310, 13.0985, -1.2550



39.8680, 6.9671, 5.3778



25.6410, 1.1630, 0.3148



13.1790, 38.8588, -3.6650



31.5440, 92.4158, -8.3701

Inverse Universe

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



42.0320, 4.9142, 10.4959



52.4610, 7.6607, 16.2587



48.1320, -6.9671, -5.3778



26.2390, 0.8682, 1.5444



36.9700, 22.6928, 48.2613



87.9390, 53.7671, 114.9405

Previews

White Background



This preview shows how the YUV color 36.8780, 8.4411, -0.7700 looks on a white background.

Color Contrast Check

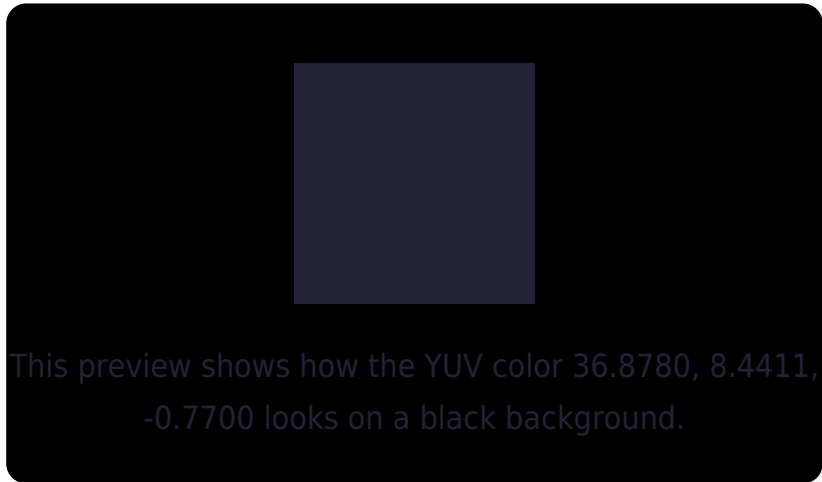
Large Text (above 18pt) WCAG AA ✓ Pass

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

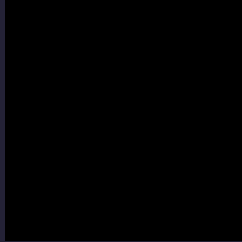
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8780, 8.4411, -0.7700

Background



This preview shows how black text looks on a background with the YUV color 36.8780, 8.4411, -0.7700.



This preview shows how white text looks on a background with the YUV color 36.8780, 8.4411, -0.7700.

-0.7700.

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

36.8780, 8.4411, -0.7700

Protanopia

36.0730, 9.3310, -6.2030

Deuteranopia

35.9590, 8.8942, -6.1030



Tritanopia

36.1460, 1.9000, -2.7590

Trichromacy



Original Color

36.8780, 8.4411, -0.7700

Protanomaly

36.3830, 9.1782, -3.8439

Deuteranomaly

36.2690, 8.7414, -3.7439

Tritanomaly

36.4280, 4.2260, -2.1294

Monochromacy



Original Color

36.8780, 8.4411, -0.7700

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8780, 8.4411, -0.7700 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, 34, 54)` looks like.

```
.text, #text, p{  
    color:rgb(36, 34, 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(36, 34, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 34, 54) }
```

Border

The CSS property to change the border of an element to YUV 36.8780, 8.4411, -0.7700 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, 34, 54) }
```


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

```
.border{ border-color:rgb(36, 34, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 34, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 34, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 34, 54);  
box-shadow:4px 4px 4px 4px rgb(36, 34, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.8780, 8.4411, -0.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 34, 54) }
```

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

```
.background{ background-color: rgb(36, 34,  
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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