

Converting Colors

YUV(37.4590, 10.6197, 0.4745)

Have a look what the booklet for
YUV(37.4590, 10.6197, 0.4745)
contains.

YUV(37.4590, 10.6197, 0.4745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(37.4590, 10.6197,
0.4745)**

Conversions

Conversions Part 1

Format	Color
Hex	26213B
RGB	38, 33, 59
RGB Percent	15%, 13%, 23%
CMY	0.8510, 0.8706, 0.7686
CMYK	0.36, 0.44, 0.00, 0.77
HSL	252°, 28%, 18%
HSV	252°, 44%, 23%
XYZ	2.1326, 1.8155, 4.3757
YIQ	37.4590, -5.3660, 9.1460

Conversions

Conversions Part 2

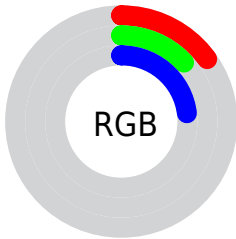
Format	Color
RYB	38, 33, 59
Decimal	2498875
CIELab	14.49, 9.61, -15.94
CIELCh	14, 18.614, 301.087
Yxy	1.8155, 0.2562, 0.2181
Android (android.graphics.Color)	4280688955 (0xFF26213B)
YUV	37.4590, 10.6197, 0.4745
Hunter-Lab	13.4742, 4.6718, -9.8223

Details

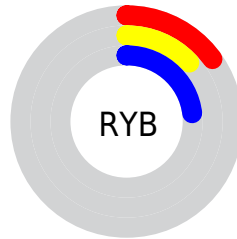
The YUV color **37.4590, 10.6197, 0.4745** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **54.5410, -10.6197, -0.4745**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.3990, 11.6353, 1.4041**, and **2.2970, 6.2626, -2.0145** is the 20% darker color. If you saturate the color by 10%, you get **32.4420, 13.0931, 0.4894**, and if you desaturate by 10%, it is **42.4760, 8.1463, 0.4595**.

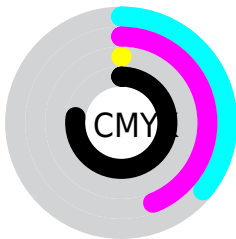
Distribution



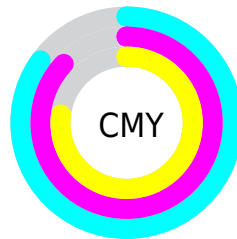
- Red (15%)
- Green (13%)
- Blue (23%)



- Red (15%)
- Yellow (13%)
- Blue (23%)



- Cyan (36%)
- Magenta (44%)
- Yellow (0%)
- Black (77%)



- Cyan (85%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.4590, 10.6197, 0.4745 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 37.4590, 10.6197, 0.4745 by changing the saturation by 10% instead.

■ 37.4590, 10.6197,
0.4745

■ 37.4590, 10.6197,
0.4745

■ 255.0000, 0.0000,
0.0000

■ 16.0570, 10.3249,
1.7040

■ 82.3990, 11.6353,
1.4041

■ 2.2970, 6.2626,
-2.0145

■ 106.6270, 12.5089,
1.2041

■ 0.0000, 0.0000,
0.0000

■ 132.0400, 12.7983,
1.7189

■ 158.1540, 13.2351,
1.6189

■ 185.1540, 13.2351,
1.6189

■ 212.6810, 13.9613,

2.0338

■ 239.3840, 7.6987,
4.0482

■ 37.4590, 10.6197,
0.4745

■ 37.4590, 10.6197,
0.4745

■ 32.4420, 13.0931,
0.4894

■ 42.4760, 8.1463,
0.4595

■ 27.4250, 15.5665,
0.5043

■ 47.4930, 5.6730,
0.4446

■ 22.7070, 17.8924,
1.1340

■ 52.2110, 3.3470,
-0.1850

■ 17.6900, 20.3658,
1.1489

■ 57.2280, 0.8736,
-0.2000

■ 12.6730, 22.8392,
1.1638

■ 62.2450, -1.5998,
-0.2149

■ 10.0150, 24.1496,
0.8638

■ 66.6750, -3.7838,
0.2850

■ 71.3930, -6.1097,
-0.3447

■ 76.4100, -8.5831,
-0.3596

■ 81.4270, -11.0565,
-0.3745

Harmonies

Analogous

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



33.3750, 14.6051, -17.8689



37.4590, 10.6197, 0.4745



37.8690, 5.4876, 13.2699

Triad

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



37.4590, 10.6197, 0.4745



35.8250, -11.2527, 15.9395



29.4590, 3.7177, -25.8355

Complementary

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



37.4590, 10.6197, 0.4745



54.5410, -10.6197, -0.4745

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.



31.1630, -4.0244, -15.9290



37.4590, 10.6197, 0.4745



34.9720, -14.2832, 7.9176

Square

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



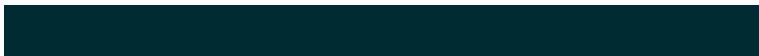
37.4590, 10.6197, 0.4745



36.5250, -6.1748, 20.5876



34.1170, -10.9037, -2.7336



30.9410, 9.3961, -27.1353

Rectangle

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



37.4590, 10.6197, 0.4745



37.5770, 1.6875, 18.7880



34.1170, -10.9037, -2.7336



28.8890, 1.5337, -25.3357

Sweetspot

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



37.4590, 10.6197, 0.4745



68.4390, 4.2206, -0.3850



48.2910, 5.2795, -13.4102



32.9830, 2.4734, 0.0149



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



37.4590, 10.6197, 0.4745



43.0660, 16.7295, 0.8191



41.3460, 8.7034, 8.4666



28.3420, 1.3104, -0.2999



16.0980, 38.4057, 1.6681



38.1650, 90.6307, 4.2403

Inverse Universe

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



43.1680, 5.3402, 13.8847



52.0210, 8.3706, 21.9066



50.6540, -8.7034, -8.4666



29.1250, 0.4314, 1.6444



36.7700, 19.3404, 50.1907



86.7840, 45.4625, 118.5844

Previews

White Background



This preview shows how the YUV color 37.4590, 10.6197, 0.4745 looks on a white background.

Color Contrast Check

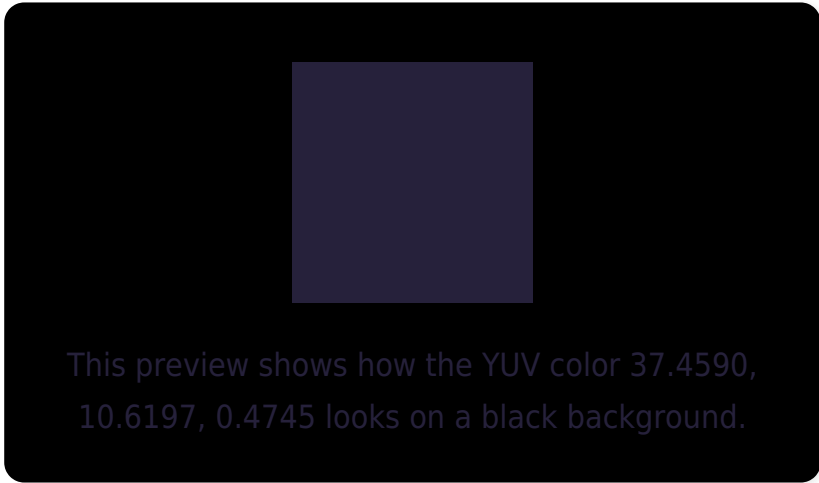
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4590, 10.6197, 0.4745

Background



This preview shows how black text looks on a background with the YUV color 37.4590, 10.6197, 0.4745.

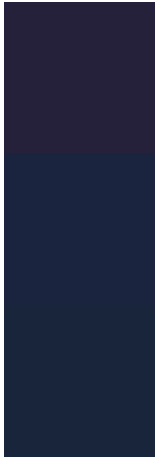


This preview shows how white text looks on a background with the YUV color 37.4590, 10.6197,

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

37.4590, 10.6197, 0.4745

Protanopia

35.9740, 12.8308, -8.7472

Deuteranopia

35.8060, 10.9416, -9.4769



Tritanopia

36.4450, 1.7526, -2.1443

Trichromacy



Original Color

37.4590, 10.6197, 0.4745

Protanomaly

36.4690, 12.0938, -5.6733

Deuteranomaly

36.7140, 10.4940, -5.8882

Tritanomaly

36.9550, 4.9522, -1.7145

Monochromacy



Original Color

37.4590, 10.6197, 0.4745

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.3250, 3.7838, -0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.4590, 10.6197, 0.4745 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(38, 33, 59)` looks like.

```
.text, #text, p{  
    color:rgb(38, 33, 59)  
}
```

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(38, 33, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 33, 59) }
```

Border

The CSS property to change the border of an element to YUV 37.4590, 10.6197, 0.4745 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(38, 33, 59) }
```


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

```
.border{ border-color:rgb(38, 33, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 33, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 33, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 33, 59);  
box-shadow:4px 4px 4px 4px rgb(38, 33, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.4590, 10.6197, 0.4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 33, 59) }
```

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

```
.background{ background-color: rgb(38, 33,  
59) }
```

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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