

Converting Colors

YUV(37.7660, 1.5944, 1.9592)

Have a look what the booklet for
YUV(37.7660, 1.5944, 1.9592)
contains.

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Color

**YUV(37.7660, 1.5944,
1.9592)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 282429 |
| RGB | 40, 36, 41 |
| RGB Percent | 16%, 14%, 16% |
| CMY | 0.8431, 0.8588, 0.8392 |
| CMYK | 0.02, 0.12, 0.00, 0.84 |
| HSL | 288°, 6%, 15% |
| HSV | 288°, 12%, 16% |
| XYZ | 1.9062, 1.8730, 2.3589 |
| YIQ | 37.7660, 0.7790, 2.4030 |

Conversions

Conversions Part 2

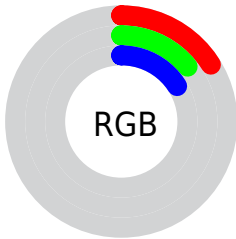
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 40, 36, 41 |
| Decimal | 2630697 |
| CIE _{Lab} | 14.81, 3.06, -2.64 |
| CIE _{LCh} | 15, 4.043, 319.221 |
| Yxy | 1.8730, 0.3106, 0.3051 |
| Android (android.graphics.Color) | 4280820777 (0xFF282429) |
| YUV | 37.7660, 1.5944, 1.9592 |
| Hunter-Lab | 13.6856, 0.9123, -0.6394 |

Details

The YUV color **37.7660, 1.5944, 1.9592** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.2340, -1.5944, -1.9592**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.1790, 1.8838, 2.4740**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.1190, 2.8993, 3.4036**, and if you desaturate by 10%, it is **40.4130, 0.2894, 0.5148**.

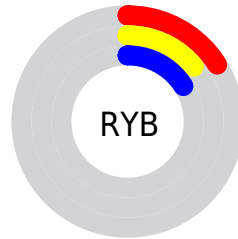
Distribution



Red (16%)

Green (14%)

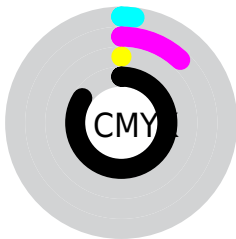
Blue (16%)



Red (16%)

Yellow (14%)

Blue (16%)

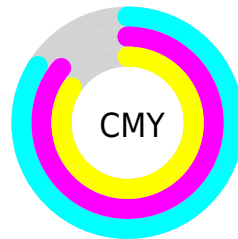


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (84%)



Cyan (84%)

Magenta (86%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7660, 1.5944, 1.9592 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 37.7660, 1.5944, 1.9592 by changing the saturation by 10% instead.

■ 37.7660, 1.5944,
1.9592

■ 37.7660, 1.5944,
1.9592

■ 255.0000, 0.0000,
0.0000

■ 17.1790, 1.8838,
2.4740

■ 82.1790, 1.8838,
2.4740

■ 0.0000, 0.0000,
0.0000

■ 106.7660, 1.5944,
1.9592

■ 132.1790, 1.8838,
2.4740

■ 158.1790, 1.8838,
2.4740

■ 184.5920, 2.1731,
2.9888

■ 212.2930, 2.3206,

2.3740

240.5920, 2.1731,
2.9888

37.7660, 1.5944,
1.9592

37.7660, 1.5944,
1.9592

35.1190, 2.8993,
3.4036

40.4130, 0.2894,
0.5148

32.4720, 4.2043,
4.8481

43.0600, -1.0156,
-0.9296

30.1240, 5.3619,
6.9073

45.4080, -2.1731,
-2.9888

27.4770, 6.6668,
8.3517

48.0550, -3.4781,
-4.4332

24.2430, 8.2612,
10.3109

50.7020, -4.7831,
-5.8777

■ 21.5960, 9.5662,
11.7553

■ 53.9360, -6.3774,
-7.8369

■ 18.9490, 10.8711,
13.1997

■ 56.5830, -7.6824,
-9.2813

■ 16.3020, 12.1761,
14.6441

■ 59.2300, -8.9874,
-10.7257

■ 14.5410, 13.0443,
16.1885

■ 61.5780, -10.1450,
-12.7849

Harmonies

Analogous

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



37.6840, 2.6208, -0.5999



37.7660, 1.5944, 1.9592



37.4350, 0.2785, 4.0035

Triad

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



37.7660, 1.5944, 1.9592



37.6260, -2.7736, 2.9590



36.3090, 1.3267, -5.5330

Complementary

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



37.7660, 1.5944, 1.9592



39.2340, -1.5944, -1.9592

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.



36.5650, -0.2785, -4.0035



37.7660, 1.5944, 1.9592



37.3160, -2.6208, 0.5999

Square

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



37.7660, 1.5944, 1.9592



37.7510, -2.3422, 4.6034



36.3480, -1.1576, -2.0592



36.8360, 2.0529, -5.1182

Rectangle

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



37.7660, 1.5944, 1.9592



37.5060, -0.7425, 4.8182



36.3480, -1.1576, -2.0592



36.1950, 0.8899, -5.4330

Sweetspot

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



37.7660, 1.5944, 1.9592



51.9400, 1.0156, 0.9296



37.1570, 1.8946, -1.0147



27.4130, 0.2894, 0.5148



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



37.7660, 1.5944, 1.9592



48.7060, 2.6099, 2.8888



37.8370, 0.5734, 2.7740



18.8260, 0.5788, 1.0296



29.6090, 26.8148, 32.7919



74.6990, 67.6894, 82.7020

Inverse Universe

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



37.6090, -0.3002, 2.9739



48.5060, -0.7425, 4.8182



39.0490, -1.0102, -2.6740



18.7120, 0.1420, 1.1296



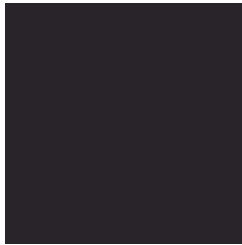
27.0540, -4.9566, 49.9416



68.1760, -12.9048, 126.1336

Previews

White Background



This preview shows how the YUV color 37.7660, 1.5944, 1.9592 looks on a white background.

Color Contrast Check

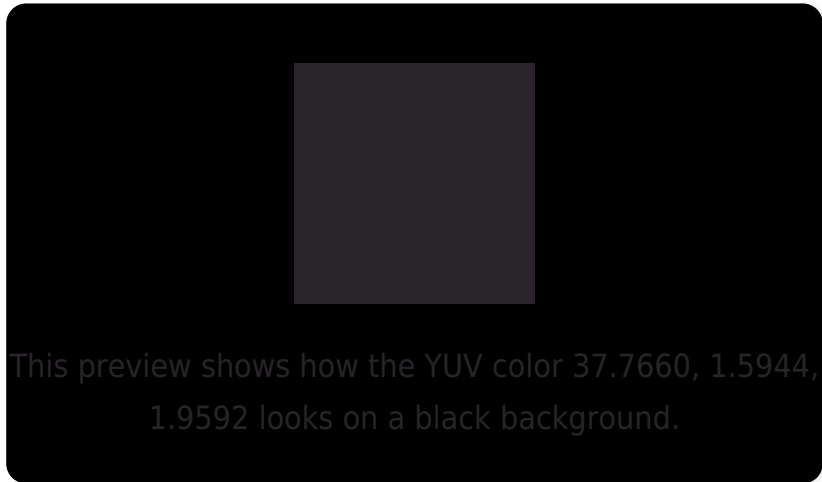
Large Text (above 18pt) WCAG AA ✓ Pass

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

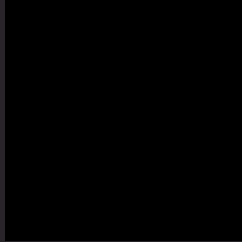
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7660, 1.5944, 1.9592

Background



This preview shows how black text looks on a background with the YUV color 37.7660, 1.5944, 1.9592.

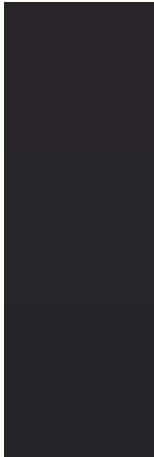


This preview shows how white text looks on a background with the YUV color 37.7660, 1.5944,

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

37.7660, 1.5944, 1.9592

Protanopia

37.5700, 2.1840, -0.4999

Deuteranopia

37.4670, 1.7418, 1.3444



Tritanopia

37.5380, 0.7208, 2.1592

Trichromacy



Original Color

37.7660, 1.5944, 1.9592

Protanomaly

37.8690, 2.0366, 0.1149

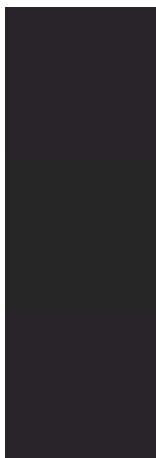
Deuteranomaly

37.4670, 1.7418, 1.3444

Tritanomaly

37.6520, 1.1576, 2.0592

Monochromacy



Original Color

37.7660, 1.5944, 1.9592

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8260, 0.5788, 1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7660, 1.5944, 1.9592 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(40, 36, 41)` looks like.

```
.text, #text, p{  
    color:rgb(40, 36, 41)  
}
```

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(40, 36, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 36, 41) }
```

Border

The CSS property to change the border of an element to YUV 37.7660, 1.5944, 1.9592 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(40, 36, 41) }
```


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

```
.border{ border-color:rgb(40, 36, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 36, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 36, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 36, 41);  
box-shadow:4px 4px 4px 4px rgb(40, 36, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.7660, 1.5944, 1.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 36, 41) }
```

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

```
.background{ background-color: rgb(40, 36,  
41) }
```

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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