

Converting Colors

YUV(37.6400, 6.0935, 5.5777)

Have a look what the booklet for
YUV(37.6400, 6.0935, 5.5777)
contains.

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Color

**YUV(37.6400, 6.0935,
5.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2032
RGB	44, 32, 50
RGB Percent	17%, 13%, 20%
CMY	0.8275, 0.8745, 0.8039
CMYK	0.12, 0.36, 0.00, 0.80
HSL	280°, 22%, 16%
HSV	280°, 36%, 20%
XYZ	2.1309, 1.7988, 3.2525
YIQ	37.6400, 1.3740, 8.1420

Conversions

Conversions Part 2

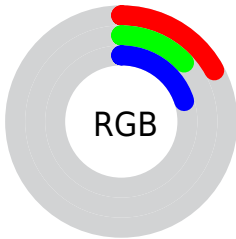
Format	Color
R_{YB}	44, 32, 50
Decimal	2891826
CIE Lab	14.39, 9.98, -9.65
CIE LCh	14, 13.884, 315.955
Yxy	1.7988, 0.2967, 0.2504
Android (android.graphics.Color)	4281081906 (0xFF2C2032)
YUV	37.6400, 6.0935, 5.5777
Hunter-Lab	13.4119, 4.8901, -4.9900

Details

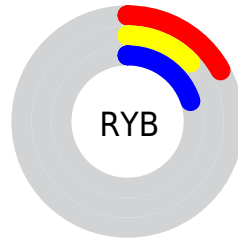
The YUV color **37.6400, 6.0935, 5.5777** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.3600, -6.0935, -5.5777**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.4660, 6.6723, 6.6073**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.1070, 7.8352, 6.9222**, and if you desaturate by 10%, it is **41.1730, 4.3517, 4.2333**.

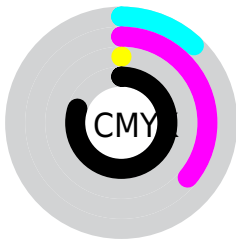
Distribution



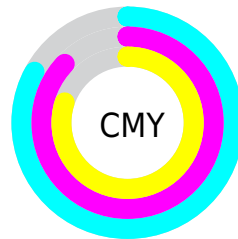
- Red (17%)
- Green (13%)
- Blue (20%)



- Red (17%)
- Yellow (13%)
- Blue (20%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (80%)



- Cyan (83%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6400, 6.0935, 5.5777 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 37.6400, 6.0935, 5.5777 by changing the saturation by 10% instead.

■ 37.6400, 6.0935,
5.5777

■ 37.6400, 6.0935,
5.5777

■ 255.0000, 0.0000,
0.0000

■ 15.7650, 6.5249,
7.2221

■ 82.4660, 6.6723,
6.6073

■ 0.0000, 0.0000,
0.0000

■ 106.5800, 7.1091,
6.5073

■ 131.9930, 7.3985,
7.0221

■ 157.9930, 7.3985,
7.0221

■ 185.4060, 7.6878,
7.5369

■ 212.8190, 7.9772,

8.0517

240.5910, 7.1036,
8.2517

37.6400, 6.0935,
5.5777

37.6400, 6.0935,
5.5777

34.1070, 7.8352,
6.9222

41.1730, 4.3517,
4.2333

30.8730, 9.4296,
8.8814

44.4070, 2.7573,
2.2741

27.3400, 11.1714,
10.2258

47.9400, 1.0156,
0.9296

23.8070, 12.9131,
11.5703

51.4730, -0.7262,
-0.4148

20.5730, 14.5075,
13.5295

54.7070, -2.3206,
-2.3740

■ 17.0400, 16.2493,
14.8739

■ 58.2400, -4.0623,
-3.7185

■ 15.5670, 16.9755,
15.2887

■ 61.7730, -5.8041,
-5.0629

■ 65.0070, -7.3985,
-7.0221

■ 68.5400, -9.1402,
-8.3666

Harmonies

Analogous

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



36.6710, 9.0362, -4.9735



37.6400, 6.0935, 5.5777



37.2450, 1.8512, 12.9401

Triad

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



37.6400, 6.0935, 5.5777



35.9490, -9.3419, 9.6917



29.6270, 5.6069, -25.1059

Complementary

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



37.6400, 6.0935, 5.5777



44.3600, -6.0935, -5.5777

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.



31.7870, -0.3880, -15.5992



37.6400, 6.0935, 5.5777



35.0190, -8.8834, 2.6143

Square

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



37.6400, 6.0935, 5.5777



36.6660, -6.7373, 14.3249



34.1750, -5.5093, -6.2925



29.7670, 9.9749, -26.1057

Rectangle

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



37.6400, 6.0935, 5.5777



37.4580, -1.2118, 15.3843



34.1750, -5.5093, -6.2925



30.4810, 3.7069, -22.3468

Sweetspot

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



37.6400, 6.0935, 5.5777



58.9940, 2.4680, 1.7593



37.5740, 6.1260, -4.8884



30.3530, 1.3050, 1.4444



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



37.6400, 6.0935, 5.5777



44.8730, 9.4296, 8.8814



39.0920, 3.8986, 9.5663



23.9400, 1.0156, 0.9296



28.0860, 30.0306, 27.9886



68.0930, 73.4112, 67.4474

Inverse Universe

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



38.0660, -0.0325, 10.4661



45.3980, -0.1962, 16.3140



42.9080, -3.8986, -9.5663



24.0110, -0.0054, 1.7444



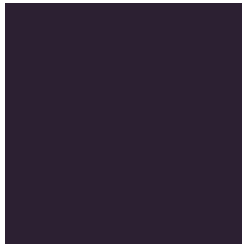
30.0310, -0.0153, 51.7158



73.0910, -0.5379, 126.2082

Previews

White Background



This preview shows how the YUV color 37.6400, 6.0935, 5.5777 looks on a white background.

Color Contrast Check

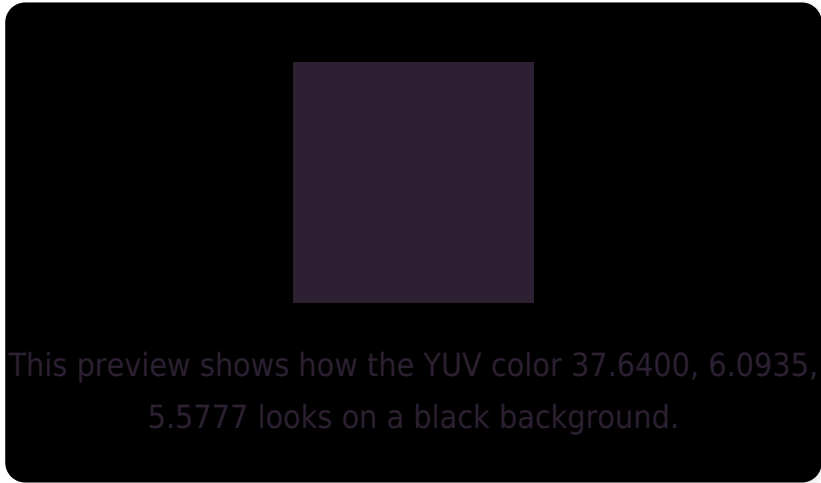
Large Text (above 18pt) WCAG AA ✓ Pass

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

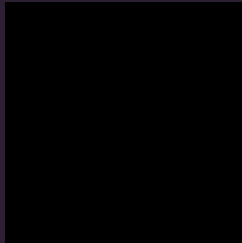
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.6400, 6.0935, 5.5777

Background



This preview shows how black text looks on a background with the YUV color 37.6400, 6.0935, 5.5777.



This preview shows how white text looks on a background with the YUV color 37.6400, 6.0935,

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

37.6400, 6.0935, 5.5777

Protanopia

36.4430, 8.1626, -4.7735

Deuteranopia

36.5850, 6.1206, -3.1440



Tritanopia

37.3210, -0.1583, 4.1035

Trichromacy



Original Color

37.6400, 6.0935, 5.5777

Protanomaly

37.2370, 7.2782, -1.0848

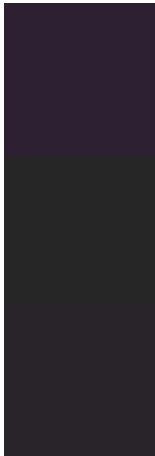
Deuteranomaly

37.1940, 5.8204, -0.1701

Tritanomaly

37.6030, 2.1677, 4.7332

Monochromacy



Original Color

37.6400, 6.0935, 5.5777

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8800, 2.0312, 1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6400, 6.0935, 5.5777 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(44, 32, 50)` looks like.

```
.text, #text, p{  
    color:rgb(44, 32, 50)  
}
```

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(44, 32, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 32, 50) }
```

Border

The CSS property to change the border of an element to YUV 37.6400, 6.0935, 5.5777 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(44, 32, 50) }
```


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

```
.border{ border-color:rgb(44, 32, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 32, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 32, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 32, 50);  
box-shadow:4px 4px 4px 4px rgb(44, 32, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.6400, 6.0935, 5.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 32, 50) }
```

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

```
.background{ background-color: rgb(44, 32,  
50) }
```

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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