

Converting Colors

YUV(37.9120, 33.5674,
-33.2488)

Have a look what the booklet for
YUV(37.9120, 33.5674, -33.2488)
contains.

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Color

**YUV(37.9120, 33.5674,
-33.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	002C6A
RGB	0, 44, 106
RGB Percent	0%, 17%, 42%
CMY	1.0000, 0.8275, 0.5843
CMYK	1.00, 0.58, 0.00, 0.58
HSL	215°, 100%, 21%
HSV	215°, 100%, 42%
XYZ	3.5022, 2.8420, 13.9996
YIQ	37.9120, -46.1260, 9.9540

Conversions

Conversions Part 2

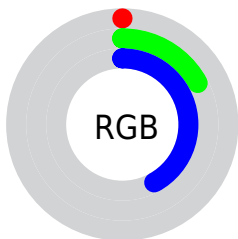
Format	Color
RYB	0, 31, 106
Decimal	11370
CIELab	19.40, 13.80, -39.91
CIELCh	19, 42.228, 289.070
Yxy	2.8420, 0.1722, 0.1397
Android (android.graphics.Color)	4278201450 (0xFF002C6A)
YUV	37.9120, 33.5674, -33.2488
Hunter-Lab	16.8581, 7.5808, -37.4359

Details

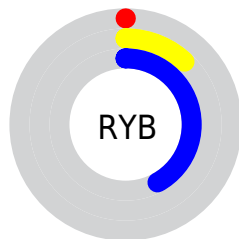
The YUV color **37.9120, 33.5674, -33.2488** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.0880, -33.5674, 33.2488**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.1850, 32.9398, -18.5792**, and **6.6120, 25.3343, -5.7987** is the 20% darker color. If you saturate the color by 10%, you get **37.9120, 33.5674, -33.2488**, and if you desaturate by 10%, it is **44.7230, 30.2096, -29.5751**.

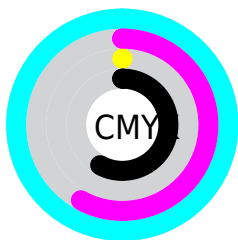
Distribution



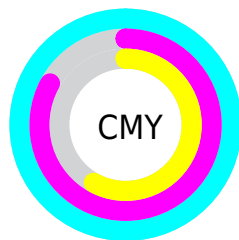
- Red (0%)
- Green (17%)
- Blue (42%)



- Red (0%)
- Yellow (12%)
- Blue (42%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.9120, 33.5674, -33.2488 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 37.9120, 33.5674, -33.2488 by changing the saturation by 10% instead.

■ 37.9120, 33.5674,
-33.2488

■ 37.9120, 33.5674,
-33.2488

■ 255.0000, 0.0000,
0.0000

■ 23.3220, 28.4353,
-20.4534

■ 91.1850, 32.9398,
-18.5792

■ 6.6120, 25.3343,
-5.7987

■ 116.4240, 33.8080,
-17.0348

■ 5.1640, 14.7091,
-4.5288

■ 142.9510, 34.5342,
-16.6200

■ 1.2540, 4.8048,
-1.0998

■ 169.8910, 35.5497,
-15.6904

■ 0.0000, 0.0000,
0.0000

■ 195.5940, 29.2872,
-13.6759

■ 220.7010, 16.9094,

-10.2618

■ 245.8080, 4.5317,
-6.8476

■ 37.9120, 33.5674,
-33.2488

■ 44.7230, 30.2096,
-29.5751

■ 51.2350, 26.9991,
-26.5161

■ 58.6330, 23.3519,
-23.3571

■ 65.1450, 20.1415,
-20.2982

■ 71.9560, 16.7837,
-16.6244

■ 78.7670, 13.4259,
-12.9507

■ 85.2790, 10.2155,
-9.8917

■ 92.6770, 6.5682,
-6.7327

■ 99.1890, 3.3578,
-3.6738

Harmonies

Analogous

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



44.0100, 31.5471, -38.5968



37.9120, 33.5674, -33.2488



47.1100, 20.1588, 20.9515

Triad

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



37.9120, 33.5674, -33.2488



41.8730, -20.6434, 41.3304



38.5090, -2.2229, -33.7724

Complementary

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



37.9120, 33.5674, -33.2488



68.0880, -33.5674, 33.2488

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.



33.4590, -16.4953, -29.3435



37.9120, 33.5674, -33.2488



44.9860, -22.1781, 20.1833

Square

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



37.9120, 33.5674, -33.2488



35.2550, -3.0837, 55.9044



42.1960, -20.8026, -1.0489



42.7440, 11.4652, -37.4865

Rectangle

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



37.9120, 33.5674, -33.2488



41.6350, 13.9839, 41.5391



42.1960, -20.8026, -1.0489



37.2550, -7.0277, -32.6726

Sweetspot

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



37.9120, 33.5674, -33.2488



111.3540, 13.1365, -13.4655



69.2900, -3.5940, -60.7673



52.7200, 8.0260, -7.6474



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



37.9120, 33.5674, -33.2488



49.1910, 43.7828, -43.1405



14.7750, 44.9739, -5.0647



49.8580, 2.0420, -1.6295



42.1010, 36.9252, -36.9226



87.8040, 77.4976, -77.0041

Inverse Universe

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



36.7100, 3.5940, 60.7673



47.7600, 4.5553, 79.1405



91.2250, -44.9739, 5.0647



50.0220, -0.0108, 3.4887



40.5690, 4.1565, 67.0300



84.8830, 8.4387, 140.4226

Previews

White Background



This preview shows how the YUV color 37.9120, 33.5674, -33.2488 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 37.9120, 33.5674, -33.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

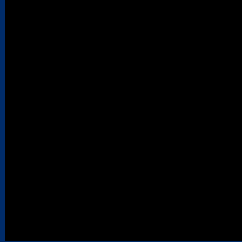
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.9120, 33.5674, -33.2488

Background



This preview shows how black text looks on a background with the YUV color 37.9120, 33.5674, -33.2488.



This preview shows how white text looks on a background with the YUV color 37.9120, 33.5674,

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

37.9120, 33.5674, -33.2488

Protanopia

38.1740, 29.4942, -33.4786

Deuteranopia

38.3390, 22.5109, -33.6233



Tritanopia

37.4950, 9.1230, -32.8831

Trichromacy



Original Color

37.9120, 33.5674, -33.2488

Protanomaly

37.9290, 31.0940, -33.2637

Deuteranomaly

38.0770, 26.5840, -33.3935

Tritanomaly

37.7860, 17.8535, -33.1383

Monochromacy



Original Color

37.9120, 33.5674, -33.2488

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8380, 12.4049, -12.1359

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9120, 33.5674, -33.2488 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(0, 44, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 106)  
}
```

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(0, 44, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 106) }
```

Border

The CSS property to change the border of an element to YUV 37.9120, 33.5674, -33.2488 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(0, 44, 106) }
```


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

```
.border{ border-color:rgb(0, 44, 106) }
```

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

Here you see how a box with a 4 pixel rgb(0, 44, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 44, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 44, 106)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.9120, 33.5674, -33.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 44, 106) }
```

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

```
.background{ background-color: rgb(0, 44,  
106) }
```

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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