

Converting Colors

YUV(37.4560, 31.8202,
-32.8489)

Have a look what the booklet for
YUV(37.4560, 31.8202, -32.8489)
contains.

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Color

**YUV(37.4560, 31.8202,
-32.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	002C66
RGB	0, 44, 102
RGB Percent	0%, 17%, 40%
CMY	1.0000, 0.8275, 0.6000
CMYK	1.00, 0.57, 0.00, 0.60
HSL	214°, 100%, 20%
HSV	214°, 100%, 40%
XYZ	3.2990, 2.7607, 12.9294
YIQ	37.4560, -44.8420, 8.7100

Conversions

Conversions Part 2

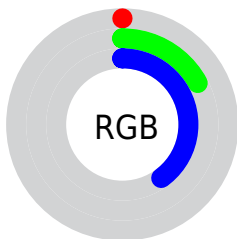
Format	Color
RYB	0, 31, 102
Decimal	11366
CIELab	19.06, 11.98, -37.86
CIELCh	19, 39.709, 287.564
Yxy	2.7607, 0.1737, 0.1454
Android (android.graphics.Color)	4278201446 (0xFF002C66)
YUV	37.4560, 31.8202, -32.8489
Hunter-Lab	16.6153, 6.3644, -34.5065

Details

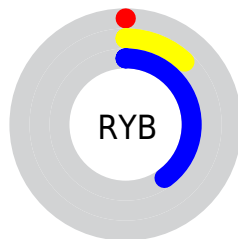
The YUV color **37.4560, 31.8202, -32.8489** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **64.5440, -31.8202, 32.8489**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.1310, 31.4874, -19.4089**, and **6.1560, 23.5871, -5.3988** is the 20% darker color. If you saturate the color by 10%, you get **37.4560, 31.8202, -32.8489**, and if you desaturate by 10%, it is **43.9680, 28.6098, -29.7899**.

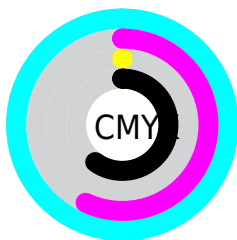
Distribution



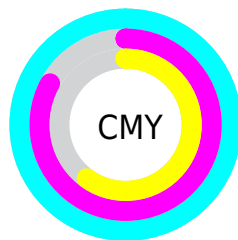
- Red (0%)
- Green (17%)
- Blue (40%)



- Red (0%)
- Yellow (12%)
- Blue (40%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.4560, 31.8202, -32.8489 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 37.4560, 31.8202, -32.8489 by changing the saturation by 10% instead.

■ 37.4560, 31.8202,
-32.8489

■ 37.4560, 31.8202,
-32.8489

■ 255.0000, 0.0000,
0.0000

■ 22.9800, 27.1249,
-20.1535

■ 90.1310, 31.4874,
-19.4089

■ 6.1560, 23.5871,
-5.3988

■ 115.6690, 32.2082,
-17.2497

■ 4.8220, 13.3988,
-4.2289

■ 142.0820, 32.4976,
-16.7349

■ 0.4560, 1.7472,
-0.3999

■ 168.7230, 33.6606,
-16.4201

■ 0.0000, 0.0000,
0.0000

■ 194.9960, 29.5820,
-14.9055

■ 219.8040, 17.3516,

-12.1061

■ 244.9110, 4.9739,
-8.6919

■ 37.4560, 31.8202,
-32.8489

■ 43.9680, 28.6098,
-29.7899

■ 50.4800, 25.3994,
-26.7310

■ 56.7040, 22.3309,
-22.5424

■ 63.2160, 19.1205,
-19.4834

■ 69.7280, 15.9101,
-16.4245

■ 76.2400, 12.6997,
-13.3655

■ 82.7520, 9.4893,
-10.3065

■ 88.9760, 6.4208,
-6.1180

■ 95.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



42.8530, 29.6525, -37.5821



37.4560, 31.8202, -32.8489



47.1590, 19.1486, 18.2776

Triad

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



37.4560, 31.8202, -32.8489



41.2750, -20.3486, 40.1008



37.8080, -2.3703, -33.1576

Complementary

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



37.4560, 31.8202, -32.8489



64.5440, -31.8202, 32.8489

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.



32.2850, -15.9165, -28.3139



37.4560, 31.8202, -32.8489



44.3990, -21.8887, 20.6981

Square

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



37.4560, 31.8202, -32.8489



37.5210, -3.2149, 51.2861



42.2070, -20.8081, 0.6955



41.8150, 10.4442, -36.6718

Rectangle

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



37.4560, 31.8202, -32.8489



43.2600, 12.6898, 36.6060



42.2070, -20.8081, 0.6955



36.0810, -6.4489, -31.6430

Sweetspot

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



37.4560, 31.8202, -32.8489



107.5390, 12.5523, -12.7507



66.4860, -4.1836, -58.3082



51.1930, 7.2999, -8.0623



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



37.4560, 31.8202, -32.8489



48.6210, 41.5988, -42.6406



13.7210, 43.5215, -5.8943



47.7440, 1.6052, -1.5295



42.4600, 35.7622, -37.2374



89.2230, 75.3191, -78.2486

Inverse Universe

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



35.5140, 4.1836, 58.3082



46.2650, 5.2924, 76.0666



88.2790, -43.5215, 5.8943



47.7230, 0.1366, 2.8739



39.9710, 4.4513, 65.8004



84.2140, 9.7545, 138.3783

Previews

White Background



This preview shows how the YUV color 37.4560, 31.8202, -32.8489 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 37.4560, 31.8202, -32.8489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

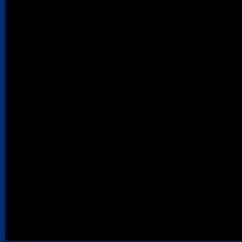
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.4560, 31.8202, -32.8489

Background



This preview shows how black text looks on a background with the YUV color 37.4560, 31.8202, -32.8489.



This preview shows how white text looks on a background with the YUV color 37.4560, 31.8202,

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

37.4560, 31.8202, -32.8489

Protanopia

37.4730, 29.3468, -32.8638

Deuteranopia

37.6380, 22.3635, -33.0085



Tritanopia

36.9080, 9.4124, -32.3683

Trichromacy



Original Color

37.4560, 31.8202, -32.8489

Protanomaly

37.7010, 30.2204, -33.0638

Deuteranomaly

37.8490, 25.7104, -33.1936

Tritanomaly

37.0850, 17.7061, -32.5235

Monochromacy



Original Color

37.4560, 31.8202, -32.8489

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.6100, 11.5313, -11.9360

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.4560, 31.8202, -32.8489 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 102) }
```

Border

The CSS property to change the border of an element to YUV 37.4560, 31.8202, -32.8489 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, 102) }
```


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

```
.border{ border-color:rgb(0, 44, 102) }
```

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, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 44, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 44, 102)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.4560, 31.8202, -32.8489 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, 102) }
```

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

```
.background{ background-color: rgb(0, 44,  
102) }
```

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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