

Converting Colors

YUV(36.8690, 32.1096,
-32.3341)

Have a look what the booklet for
YUV(36.8690, 32.1096, -32.3341)
contains.

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Color

**YUV(36.8690, 32.1096,
-32.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	002B66
RGB	0, 43, 102
RGB Percent	0%, 17%, 40%
CMY	1.0000, 0.8314, 0.6000
CMYK	1.00, 0.58, 0.00, 0.60
HSL	215°, 100%, 20%
HSV	215°, 100%, 40%
XYZ	3.2622, 2.6871, 12.9171
YIQ	36.8690, -44.5670, 9.2330

Conversions

Conversions Part 2

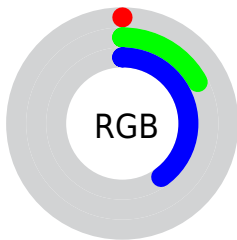
Format	Color
RYB	0, 30, 102
Decimal	11110
CIELab	18.74, 12.73, -38.37
CIELCh	19, 40.425, 288.354
Yxy	2.6871, 0.1729, 0.1424
Android (android.graphics.Color)	4278201190 (0xFF002B66)
YUV	36.8690, 32.1096, -32.3341
Hunter-Lab	16.3923, 6.8360, -35.2459

Details

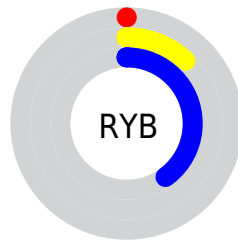
The YUV color **36.8690, 32.1096, -32.3341** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **65.1310, -32.1096, 32.3341**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.8430, 31.6294, -18.2793**, and **6.1560, 23.5871, -5.3988** is the 20% darker color. If you saturate the color by 10%, you get **36.8690, 32.1096, -32.3341**, and if you desaturate by 10%, it is **43.3810, 28.8992, -29.2751**.

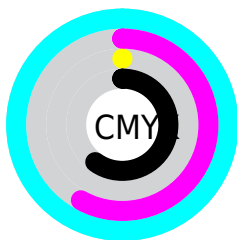
Distribution



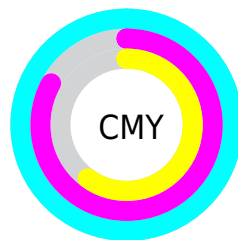
- Red (0%)
- Green (17%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8690, 32.1096, -32.3341 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 36.8690, 32.1096, -32.3341 by changing the saturation by 10% instead.

■ 36.8690, 32.1096,
-32.3341

■ 36.8690, 32.1096,
-32.3341

■ 255.0000, 0.0000,
0.0000

■ 22.3930, 27.4143,
-19.6387

■ 89.8430, 31.6294,
-18.2793

■ 6.1560, 23.5871,
-5.3988

■ 115.0820, 32.4976,
-16.7349

■ 4.8220, 13.3988,
-4.2289

■ 141.0220, 33.5132,
-15.8053

■ 0.4560, 1.7472,
-0.3999

■ 168.1360, 33.9500,
-15.9053

■ 0.0000, 0.0000,
0.0000

■ 194.4090, 29.8714,
-14.3907

■ 218.9290, 17.7830,

-10.4617

■ 244.6230, 5.1159,
-7.5624

■ 36.8690, 32.1096,
-32.3341

■ 43.3810, 28.8992,
-29.2751

■ 49.8930, 25.6888,
-26.2162

■ 56.7040, 22.3309,
-22.5424

■ 63.2160, 19.1205,
-19.4834

■ 69.7280, 15.9101,
-16.4245

■ 75.6530, 12.9891,
-12.8507

■ 82.1650, 9.7787,
-9.7917

■ 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.



42.9670, 30.0893, -37.6821



36.8690, 32.1096, -32.3341



45.8710, 19.2906, 19.4071

Triad

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



36.8690, 32.1096, -32.3341



40.3890, -19.9118, 40.0008



37.2210, -2.0810, -32.6428

Complementary

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



36.8690, 32.1096, -32.3341



65.1310, -32.1096, 32.3341

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



36.8690, 32.1096, -32.3341



43.5130, -21.4519, 20.5981

Square

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



36.8690, 32.1096, -32.3341



35.2330, -3.0729, 52.4157



41.6090, -20.5132, -0.5341



41.2280, 10.7336, -36.1570

Rectangle

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



36.8690, 32.1096, -32.3341



41.6840, 12.9738, 38.8651



41.6090, -20.5132, -0.5341



35.9670, -6.8857, -31.5431

Sweetspot

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



36.8690, 32.1096, -32.3341



107.5390, 12.5523, -12.7507



66.4860, -4.1836, -58.3082



50.6060, 7.5892, -7.5475



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.



36.8690, 32.1096, -32.3341



48.0340, 41.8882, -42.1258



13.7210, 43.5215, -5.8943



47.7440, 1.6052, -1.5295



41.2860, 36.3410, -36.2078



87.4620, 76.1872, -76.7042

Inverse Universe

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



35.4000, 3.7468, 58.4082



46.1510, 4.8556, 76.1666



88.2790, -43.5215, 5.8943



47.7230, 0.1366, 2.8739



39.8570, 4.0145, 65.9004



83.9860, 8.8809, 138.5783

Previews

White Background



This preview shows how the YUV color 36.8690, 32.1096, -32.3341 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 36.8690, 32.1096, -32.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

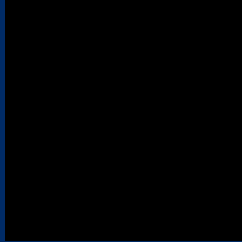
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8690, 32.1096, -32.3341

Background



This preview shows how black text looks on a background with the YUV color 36.8690, 32.1096, -32.3341.



This preview shows how white text looks on a background with the YUV color 36.8690, 32.1096, -32.3341.

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

36.8690, 32.1096, -32.3341

Protanopia

37.2450, 28.4732, -32.6639

Deuteranopia

37.5240, 21.9267, -32.9085



Tritanopia

36.7940, 8.9756, -32.2683

Trichromacy



Original Color

36.8690, 32.1096, -32.3341

Protanomaly

37.0000, 30.0730, -32.4490

Deuteranomaly

37.1480, 25.5630, -32.5788

Tritanomaly

36.9710, 17.2693, -32.4236

Monochromacy



Original Color

36.8690, 32.1096, -32.3341

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0230, 11.8207, -11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8690, 32.1096, -32.3341 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, 43, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 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, 43, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 102) }
```

Border

The CSS property to change the border of an element to YUV 36.8690, 32.1096, -32.3341 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, 43, 102) }
```


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

```
.border{ border-color:rgb(0, 43, 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, 43, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 43, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 43, 102)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.8690, 32.1096, -32.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 102) }
```

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

```
.background{ background-color: rgb(0, 43,  
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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