

Converting Colors

YUV(41.6860, 63.2588,
-36.5586)

Have a look what the booklet for
YUV(41.6860, 63.2588, -36.5586)
contains.

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Color

**YUV(41.6860, 63.2588,
-36.5586)**

Conversions

Conversions Part 1

Format	Color
Hex	0026AA
RGB	0, 38, 170
RGB Percent	0%, 15%, 67%
CMY	1.0000, 0.8510, 0.3333
CMYK	1.00, 0.78, 0.00, 0.33
HSL	227°, 100%, 33%
HSV	227°, 100%, 67%
XYZ	7.9488, 4.2885, 38.4390
YIQ	41.6860, -65.0200, 32.9960

Conversions

Conversions Part 2

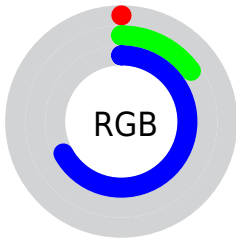
Format	Color
RYB	0, 31, 170
Decimal	9898
CIELab	24.60, 43.64, -71.35
CIELCh	25, 83.635, 301.453
Yxy	4.2885, 0.1569, 0.0846
Android (android.graphics.Color)	4278199978 (0xFF0026AA)
YUV	41.6860, 63.2588, -36.5586
Hunter-Lab	20.7087, 32.2750, -95.5566

Details

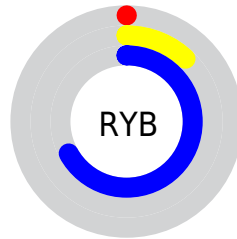
The YUV color **41.6860, 63.2588, -36.5586** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **128.3140, -63.2588, 36.5586**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9930, 61.1355, -8.7639**, and **13.2240, 50.6686, -11.5974** is the 20% darker color. If you saturate the color by 10%, you get **41.6860, 63.2588, -36.5586**, and if you desaturate by 10%, it is **54.4000, 56.9908, -32.7998**.

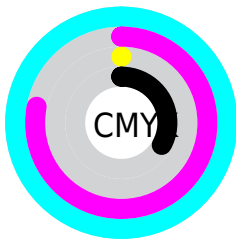
Distribution



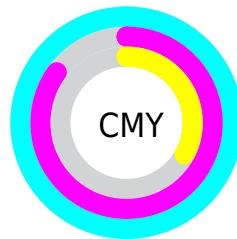
- Red (0%)
- Green (15%)
- Blue (67%)



- Red (0%)
- Yellow (12%)
- Blue (67%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (85%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.6860, 63.2588, -36.5586 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 41.6860, 63.2588, -36.5586 by changing the saturation by 10% instead.

■ 41.6860, 63.2588,
-36.5586

■ 41.6860, 63.2588,
-36.5586

■ 255.0000, 0.0000,
0.0000

■ 25.6940, 57.8319,
-22.5336

■ 102.9930, 61.1355,
-8.7639

■ 13.2240, 50.6686,
-11.5974

■ 130.1290, 61.5614,
-5.3751

■ 10.3740, 39.7486,
-9.0980

■ 154.6600, 49.4676,
0.2982

■ 11.6330, 26.8029,
-10.2021

■ 178.8920, 37.5212,
5.3567

■ 6.6630, 17.9141,
-5.8435

■ 203.7110, 25.2855,
9.9005

■ 2.9810, 8.8834,
-2.6143

■ 229.4160, 12.6129,

■ 0.0000, 0.0000,

14.5442

0.0000

■ 249.1300, 2.8939,
5.1480

■ 41.6860, 63.2588,
-36.5586

■ 54.4000, 56.9908,
-32.7998

■ 67.1140, 50.7228,
-29.0410

■ 80.4150, 44.1654,
-25.7970

■ 93.1290, 37.8974,
-22.0381

■ 105.8430, 31.6294,
-18.2793

■ 118.5570, 25.3614,
-14.5205

■ 131.2710, 19.0934,
-10.7617

■ 144.5720, 12.5360,
-7.5176

■ 157.2860, 6.2680,
-3.7588

Harmonies

Analogous

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



62.1630, 63.0236, -54.5170



41.6860, 63.2588, -36.5586



52.5500, 33.2529, 67.9237

Triad

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



41.6860, 63.2588, -36.5586



46.7230, -23.0344, 61.6329



53.2130, 3.3460, -46.6678

Complementary

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



41.6860, 63.2588, -36.5586



128.3140, -63.2588, 36.5586

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.



44.6120, -21.9937, -39.1247



41.6860, 63.2588, -36.5586



54.9760, -27.1032, 13.1760

Square

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



41.6860, 63.2588, -36.5586



44.5510, -21.9636, 91.6018



41.6770, -20.5468, -36.5507



61.0960, 31.0117, -53.5812

Rectangle

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



41.6860, 63.2588, -36.5586



54.7530, 11.9538, 86.1626



41.6770, -20.5468, -36.5507



50.1180, -5.9742, -43.9535

Sweetspot

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



41.6860, 63.2588, -36.5586



171.4430, 24.9246, -14.4205



114.6100, 7.5873, -100.5130



81.8430, 14.8674, -8.6323



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



41.6860, 63.2588, -36.5586



54.6580, 82.4996, -47.9351



32.8350, 67.6223, 10.6687



78.0860, 2.9156, -1.8294



36.2430, 55.0962, -31.7851



5.2150, 7.2890, -4.5736

Inverse Universe

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



55.1620, -8.4609, 100.7129



72.0780, -10.8845, 131.4816



137.1650, -67.6223, -10.6687



78.6200, -0.3057, 4.7183



48.0140, -7.4019, 87.6877



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 41.6860, 63.2588, -36.5586 looks on a white background.

Color Contrast Check

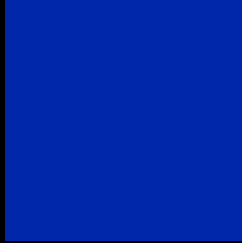
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6860, 63.2588, -36.5586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

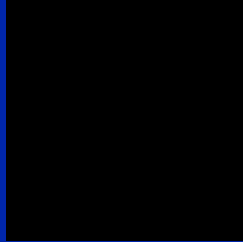
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.6860, 63.2588, -36.5586

Background



This preview shows how black text looks on a background with the YUV color 41.6860, 63.2588, -36.5586.



This preview shows how white text looks on a background with the YUV color 41.6860, 63.2588, -36.5586.

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

41.6860, 63.2588, -36.5586

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

47.4350, 26.9005, -41.6005

Trichromacy



Original Color

41.6860, 63.2588, -36.5586

Protanomaly

45.0820, 45.8086, -39.5369

Deuteranomaly

45.5890, 40.1356, -39.9816

Monochromacy



Original Color

41.6860, 63.2588, -36.5586

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.2860, 23.0300, -13.4058

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.6860, 63.2588, -36.5586 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, 38, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 170)  
}
```

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, 38, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 170) }
```

Border

The CSS property to change the border of an element to YUV 41.6860, 63.2588, -36.5586 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, 38, 170) }
```

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

```
.border{ border-color:rgb(0, 38, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 38, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 38, 170)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.6860, 63.2588, -36.5586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 170) }
```

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

```
.background{ background-color: rgb(0, 38,  
170) }
```

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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