

Converting Colors

YUV(40.0610, 44.3399,
-35.1335)

Have a look what the booklet for
YUV(40.0610, 44.3399, -35.1335)
contains.

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Color

**YUV(40.0610, 44.3399,
-35.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	002B82
RGB	0, 43, 130
RGB Percent	0%, 17%, 51%
CMY	1.0000, 0.8314, 0.4902
CMYK	1.00, 0.67, 0.00, 0.49
HSL	220°, 100%, 25%
HSV	220°, 100%, 51%
XYZ	4.8931, 3.3395, 21.5058
YIQ	40.0610, -53.5550, 17.9410

Conversions

Conversions Part 2

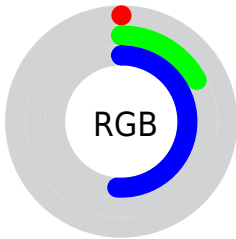
Format	Color
RYB	0, 32, 130
Decimal	11138
CIELab	21.36, 24.99, -52.07
CIELCh	21, 57.755, 295.638
Yxy	3.3395, 0.1645, 0.1123
Android (android.graphics.Color)	4278201218 (0xFF002B82)
YUV	40.0610, 44.3399, -35.1335
Hunter-Lab	18.2742, 15.8158, -56.9828

Details

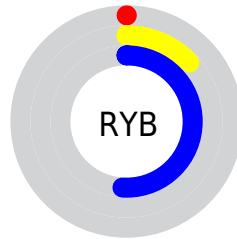
The YUV color **40.0610, 44.3399, -35.1335** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **89.9390, -44.3399, 35.1335**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2530, 43.2593, -15.1309**, and **9.1200, 34.9438, -7.9982** is the 20% darker color. If you saturate the color by 10%, you get **40.0610, 44.3399, -35.1335**, and if you desaturate by 10%, it is **49.2310, 39.8191, -31.7746**.

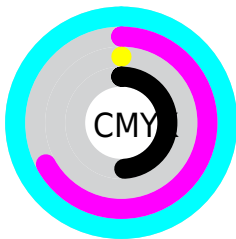
Distribution



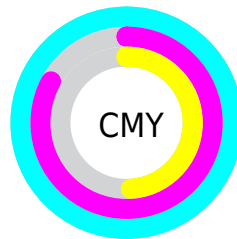
- Red (0%)
- Green (17%)
- Blue (51%)



- Red (0%)
- Yellow (13%)
- Blue (51%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (83%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0610, 44.3399, -35.1335 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 40.0610, 44.3399, -35.1335 by changing the saturation by 10% instead.

■ 40.0610, 44.3399,
-35.1335

■ 40.0610, 44.3399,
-35.1335

■ 255.0000, 0.0000,
0.0000

■ 25.3570, 38.7710,
-22.2381

■ 96.2530, 43.2593,
-15.1309

■ 9.1200, 34.9438,
-7.9982

■ 122.2040, 44.2694,
-12.4569

■ 9.3190, 23.0137,
-8.1728

■ 149.1440, 45.2850,
-11.5273

■ 4.9360, 13.8356,
-4.3289

■ 174.3740, 39.7486,
-9.0980

■ 0.7980, 3.0576,
-0.6998

■ 198.8940, 27.6603,
-5.1690

■ 0.0000, 0.0000,
0.0000

■ 224.3000, 15.1351,

-1.1401

■ 249.4070, 2.7573,
2.2741

■ 40.0610, 44.3399,
-35.1335

■ 49.2310, 39.8191,
-31.7746

■ 57.8140, 35.5877,
-27.9009

■ 66.9840, 31.0669,
-24.5420

■ 76.1540, 26.5461,
-21.1831

■ 85.3240, 22.0253,
-17.8241

■ 93.9070, 17.7938,
-13.9504

■ 103.0770, 13.2730,
-10.5915

■ 112.2470, 8.7522,
-7.2326

■ 120.8300, 4.5208,
-3.3589

Harmonies

Analogous

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



50.9520, 42.9147, -44.6849



40.0610, 44.3399, -35.1335



40.9680, 29.1028, 45.6321

Triad

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



40.0610, 44.3399, -35.1335



43.9880, -21.6861, 49.1225



44.3450, -0.1701, -38.8906

Complementary

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



40.0610, 44.3399, -35.1335



89.9390, -44.3399, 35.1335

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.



37.5680, -18.5210, -32.9471



40.0610, 44.3399, -35.1335



48.8070, -24.0619, 17.7093

Square

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



40.0610, 44.3399, -35.1335



37.6330, -9.6791, 71.3589



42.7060, -21.0541, -13.7742



49.9480, 18.7596, -43.8044

Rectangle

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



40.0610, 44.3399, -35.1335



42.5220, 15.5187, 62.6862



42.7060, -21.0541, -13.7742



41.9340, -6.8695, -36.7761

Sweetspot

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



40.0610, 44.3399, -35.1335



133.6790, 16.9203, -13.7505



86.2280, 0.3806, -75.6220



63.2900, 10.2100, -8.1473



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



40.0610, 44.3399, -35.1335



52.0240, 57.1762, -45.6250



21.3980, 53.5408, 0.5280



58.9720, 2.4788, -1.7294



39.2460, 43.7557, -34.4187



0.0000, 0.0000, 0.0000

Inverse Universe

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



43.7720, -0.3806, 75.6220



56.6160, -0.3037, 97.6838



108.6020, -53.5408, -0.5280



59.3210, -0.1583, 4.1035



43.0600, -0.5226, 74.4924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 40.0610, 44.3399, -35.1335 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 40.0610, 44.3399, -35.1335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

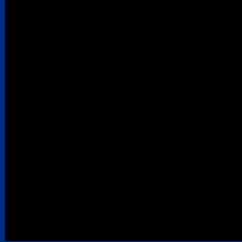
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0610, 44.3399, -35.1335

Background



This preview shows how black text looks on a background with the YUV color 40.0610, 44.3399, -35.1335.



This preview shows how white text looks on a background with the YUV color 40.0610, 44.3399,

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



Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

42.0720, 24.1215, -36.8971

Tritanopia

41.0000, 9.8600, -35.9570

Trichromacy



Protanomaly

40.6990, 36.6304, -35.6930

Deuteranomaly

41.3200, 31.3942, -36.2376

Tritanomaly

40.9150, 22.2269, -35.8825

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8640, 16.3360, -13.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0610, 44.3399, -35.1335 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 130) }
```

Border

The CSS property to change the border of an element to YUV 40.0610, 44.3399, -35.1335 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, 130) }
```

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

```
.border{ border-color:rgb(0, 43, 130) }
```

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, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 43, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 43, 130)  
}
```


Background

The CSS property to change the background color of an element to YUV 40.0610, 44.3399, -35.1335 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, 130) }
```

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

```
.background{ background-color: rgb(0, 43,  
130) }
```

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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