

Converting Colors

YUV(40.9580, 43.8977,
-33.2892)

Have a look what the booklet for
YUV(40.9580, 43.8977, -33.2892)
contains.

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Color

**YUV(40.9580, 43.8977,
-33.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	032B82
RGB	3, 43, 130
RGB Percent	1%, 17%, 51%
CMY	0.9882, 0.8314, 0.4902
CMYK	0.98, 0.67, 0.00, 0.49
HSL	221°, 95%, 26%
HSV	221°, 98%, 51%
XYZ	4.9307, 3.3588, 21.5075
YIQ	40.9580, -51.7670, 18.5770

Conversions

Conversions Part 2

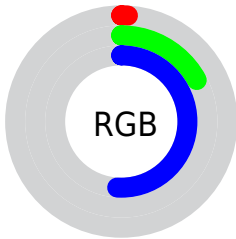
Format	Color
R_{YB}	3, 33, 130
Decimal	207746
CIE _{Lab}	21.43, 25.15, -51.95
CIE _{LCh}	21, 57.717, 295.837
Yxy	3.3588, 0.1655, 0.1127
Android (android.graphics.Color)	4278397826 (0xFF032B82)
YUV	40.9580, 43.8977, -33.2892
Hunter-Lab	18.3271, 15.9510, -56.7501

Details

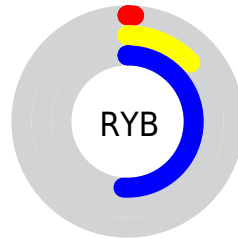
The YUV color **40.9580, 43.8977, -33.2892** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **92.0420, -43.8977, 33.2892**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.5520, 43.1119, -14.5161**, and **9.1200, 34.9438, -7.9982** is the 20% darker color. If you saturate the color by 10%, you get **38.8870, 44.9187, -34.1039**, and if you desaturate by 10%, it is **50.1280, 39.3769, -29.9303**.

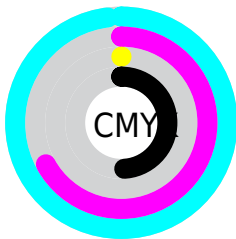
Distribution



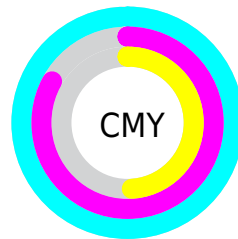
- Red (1%)
- Green (17%)
- Blue (51%)



- Red (1%)
- Yellow (13%)
- Blue (51%)



- Cyan (98%)
- Magenta (67%)
- Yellow (0%)
- Black (49%)



- Cyan (99%)
- Magenta (83%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.9580, 43.8977, -33.2892 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 40.9580, 43.8977, -33.2892 by changing the saturation by 10% instead.

■ 40.9580, 43.8977,
-33.2892

■ 40.9580, 43.8977,
-33.2892

■ 255.0000, 0.0000,
0.0000

■ 25.3570, 38.7710,
-22.2381

■ 96.5520, 43.1119,
-14.5161

■ 9.1200, 34.9438,
-7.9982

■ 122.2040, 44.2694,
-12.4569

■ 9.3190, 23.0137,
-8.1728

■ 149.4430, 45.1376,
-10.9125

■ 4.9360, 13.8356,
-4.3289

■ 174.6730, 39.6012,
-8.4832

■ 0.7980, 3.0576,
-0.6998

■ 199.1930, 27.5129,
-4.5543

■ 0.0000, 0.0000,
0.0000

■ 224.3000, 15.1351,

-1.1401

249.7060, 2.6099,
2.8888

40.9580, 43.8977,
-33.2892

40.9580, 43.8977,
-33.2892

38.8870, 44.9187,
-34.1039

50.1280, 39.3769,
-29.9303

59.2980, 34.8561,
-26.5713

68.4680, 30.3353,
-23.2124

77.6380, 25.8145,
-19.8535

86.8080, 21.2937,
-16.4946

■ 95.3910, 17.0622,
-12.6209

■ 104.5610, 12.5414,
-9.2620

■ 113.7310, 8.0206,
-5.9031

■ 122.9010, 3.4998,
-2.5442

Harmonies

Analogous

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



51.0660, 43.3515, -44.7849



40.9580, 43.8977, -33.2892



41.2670, 28.9554, 46.2468

Triad

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



40.9580, 43.8977, -33.2892



44.5750, -21.9755, 48.6077



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.



40.9580, 43.8977, -33.2892



92.0420, -43.8977, 33.2892

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.



38.1550, -18.8104, -33.4619



40.9580, 43.8977, -33.2892



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.



40.9580, 43.8977, -33.2892



37.6330, -9.6791, 71.3589



42.4070, -20.9067, -14.3889



49.9480, 18.7596, -43.8044

Rectangle

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



40.9580, 43.8977, -33.2892



42.4080, 15.0819, 62.7862



42.4070, -20.9067, -14.3889



42.0480, -6.4327, -36.8761

Sweetspot

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



40.9580, 43.8977, -33.2892



133.9780, 16.7728, -13.1357



87.4670, 1.2488, -74.0776



63.5890, 10.0626, -7.5326



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.



40.9580, 43.8977, -33.2892



50.2630, 58.0443, -44.0807



24.3550, 52.0830, 1.4427



58.9720, 2.4788, -1.7294



38.0720, 44.3345, -33.3891



0.0000, 0.0000, 0.0000

Inverse Universe

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



45.5330, -1.2488, 74.0776



56.2740, -1.6141, 97.9837



108.6450, -52.0830, -1.4427



59.3210, -0.1583, 4.1035



42.8320, -1.3962, 74.6923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 40.9580, 43.8977, -33.2892 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 40.9580, 43.8977, -33.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

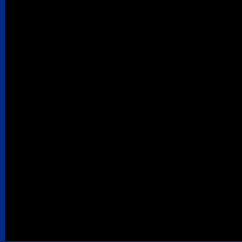
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.9580, 43.8977, -33.2892

Background



This preview shows how black text looks on a background with the YUV color 40.9580, 43.8977, -33.2892.



This preview shows how white text looks on a background with the YUV color 40.9580, 43.8977, -33.2892.

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

40.9580, 43.8977, -33.2892

Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

42.0720, 24.1215, -36.8971



Tritanopia

41.0000, 9.8600, -35.9570

Trichromacy



Original Color

40.9580, 43.8977, -33.2892

Protanomaly

40.9980, 36.4830, -35.0782

Deuteranomaly

41.6190, 31.2468, -35.6229

Tritanomaly

41.2140, 22.0795, -35.2677

Monochromacy



Original Color

40.9580, 43.8977, -33.2892

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0490, 15.7518, -12.3210

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.9580, 43.8977, -33.2892 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(3, 43, 130)` looks like.

```
.text, #text, p{  
    color:rgb(3, 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(3, 43, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 43, 130) }
```

Border

The CSS property to change the border of an element to YUV 40.9580, 43.8977, -33.2892 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(3, 43, 130) }
```


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

```
.border{ border-color:rgb(3, 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(3, 43, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 43, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 43, 130);  
box-shadow:4px 4px 4px 4px rgb(3, 43, 130)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.9580, 43.8977, -33.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 43, 130) }
```

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

```
.background{ background-color: rgb(3, 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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