

Converting Colors

YUV(41.5600, -16.0521,
15.2949)

Have a look what the booklet for
YUV(41.5600, -16.0521, 15.2949)
contains.

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Color

**YUV(41.5600, -16.0521,
15.2949)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2709
RGB	59, 39, 9
RGB Percent	23%, 15%, 4%
CMY	0.7686, 0.8471, 0.9647
CMYK	0.00, 0.34, 0.85, 0.77
HSL	36°, 74%, 13%
HSV	36°, 85%, 23%
XYZ	2.5785, 2.4006, 0.5859
YIQ	41.5600, 21.5500, -5.0900

Conversions

Conversions Part 2

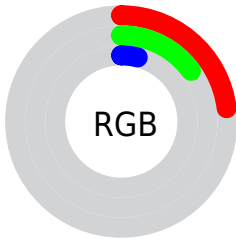
Format	Color
R_{YB}	42, 59, 9
Decimal	3876617
CIE _{Lab}	17.46, 6.00, 21.73
CIE _{LCh}	17, 22.541, 74.561
Yxy	2.4006, 0.4633, 0.4314
Android (android.graphics.Color)	4282066697 (0xFF3B2709)
YUV	41.5600, -16.0521, 15.2949
Hunter-Lab	15.4938, 2.5917, 8.6036

Details

The YUV color **41.5600, -16.0521, 15.2949** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26.4400, 16.0521, -15.2949**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9410, -17.2259, 18.4687**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.7020, -18.0941, 16.9243**, and if you desaturate by 10%, it is **43.4180, -14.0101, 13.6654**.

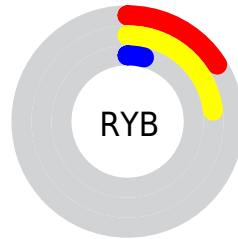
Distribution



 Red (23%)

 Green (15%)

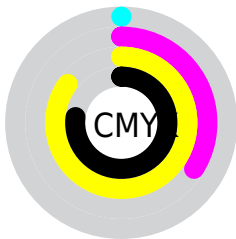
 Blue (4%)



 Red (16%)

 Yellow (23%)

 Blue (4%)

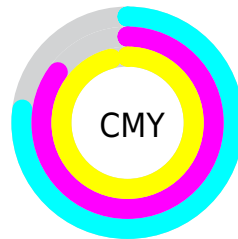


 Cyan (0%)


 Magenta (34%)

 Yellow (85%)

 Black (77%)



 Cyan (77%)

 Magenta (85%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.5600, -16.0521, 15.2949 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 41.5600, -16.0521, 15.2949 by changing the saturation by 10% instead.

■ 41.5600, -16.0521,
15.2949

■ 41.5600, -16.0521,
15.2949

■ 252.6060, -9.1728,
2.0995

■ 21.9170, -10.8051,
12.3508

■ 87.9410, -17.2259,
18.4687

■ 0.0000, 0.0000,
0.0000

■ 112.4250,
-17.9575, 19.7983


■ 137.6100,
-18.5417, 20.5130


■ 164.2080,
-18.8365, 21.7426


■ 191.3930,
-19.4207, 22.4573


■ 219.4640,


-20.4418, 23.2721


 241.7830,
-17.6410, 11.5913


 41.5600, -16.0521,
15.2949


 41.5600, -16.0521,
15.2949


 39.7020, -18.0941,
16.9243


 43.4180, -14.0101,
13.6654

 38.1860, -18.8257,
18.2539

 45.8630, -12.2575,
11.5211

 47.7210, -10.2155,
9.8917

 49.5790, -8.1734,
8.2622

 51.9100, -6.8576,
6.2179

■ 53.7680, -4.8156,
4.5885

■ 56.2130, -3.0630,
2.4442

■ 58.0710, -1.0210,
0.8147

■ 59.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



42.3960, -10.5482, 23.3317



41.5600, -16.0521, 15.2949



40.1950, -15.8721, 4.2140

Triad

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



41.5600, -16.0521, 15.2949



35.6370, 7.0810, -31.2536



44.2150, 10.7400, 8.5814

Complementary

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



41.5600, -16.0521, 15.2949



26.4400, 16.0521, -15.2949

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.



41.7610, 15.8938, -11.1914



41.5600, -16.0521, 15.2949



36.7600, 13.9223, -32.2385

Square

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



41.5600, -16.0521, 15.2949



33.2260, 0.3816, -29.1392



36.0250, 18.7217, -31.5939



43.8700, 4.0081, 21.1620

Rectangle

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



41.5600, -16.0521, 15.2949



39.1660, -11.9138, -5.4076



36.0250, 18.7217, -31.5939



44.3390, 12.6509, 2.3337

Sweetspot

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



41.5600, -16.0521, 15.2949



70.0240, -6.4208, 6.1180



26.2300, 1.3656, 28.7393



34.3980, -3.6472, 3.1590



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



41.5600, -16.0521, 15.2949



50.0250, -24.6623, 23.6571



51.8050, -21.1029, 1.9250



29.4840, -0.7316, 1.3295



61.5650, -30.3515, 28.4455



144.4490, -71.2134, 68.0122

Inverse Universe

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



26.4400, 16.0521, -15.2949



26.9750, 24.6623, -23.6571



16.1950, 21.1029, -1.9250



28.9290, 1.0210, -0.8147



33.0220, 30.0622, -28.9603



77.5510, 71.2134, -68.0122

Previews

White Background



This preview shows how the YUV color 41.5600, -16.0521, 15.2949 looks on a white background.

Color Contrast Check

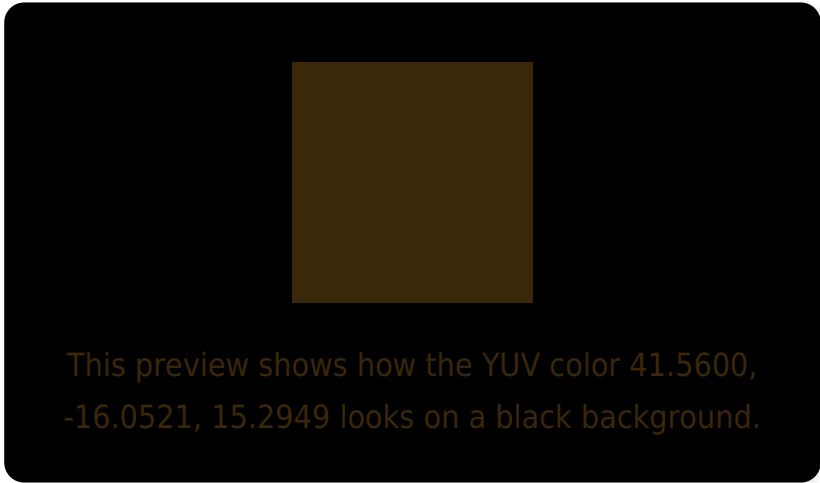
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

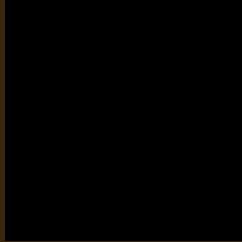
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.5600, -16.0521, 15.2949

Background



This preview shows how black text looks on a background with the YUV color 41.5600, -16.0521, 15.2949.

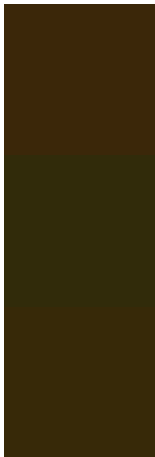


This preview shows how white text looks on a background with the YUV color 41.5600, -16.0521,

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

41.5600, -16.0521, 15.2949

Protanopia

41.0320, -15.2988, 6.9879

Deuteranopia

41.4240, -16.4780, 11.9062



Tritanopia

43.8170, -2.3748, 15.0695

Trichromacy



Original Color

41.5600, -16.0521, 15.2949

Protanomaly

41.6410, -15.5990, 9.9618

Deuteranomaly

41.1360, -16.3360, 13.0357

Tritanomaly

42.8510, -7.3215, 15.0397

Monochromacy



Original Color

41.5600, -16.0521, 15.2949

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8390, -5.8366, 5.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.5600, -16.0521, 15.2949 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(59, 39, 9)` looks like.

```
.text, #text, p{  
    color:rgb(59, 39, 9)  
}
```

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(59, 39, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 39, 9) }
```

Border

The CSS property to change the border of an element to YUV 41.5600, -16.0521, 15.2949 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(59, 39, 9) }
```


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

```
.border{ border-color:rgb(59, 39, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 39, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 39, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 39, 9); box-shadow:4px  
4px 4px 4px rgb(59, 39, 9) }
```

Background

The CSS property to change the background color of an element to YUV 41.5600, -16.0521, 15.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 39, 9) }
```

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

```
.background{ background-color: rgb(59, 39,  
9) }
```

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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