

Converting Colors

YUV(40.5360, 30.7948, 16.1929)

Have a look what the booklet for
YUV(40.5360, 30.7948, 16.1929)
contains.

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Color

**YUV(40.5360, 30.7948,
16.1929)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1367
RGB	59, 19, 103
RGB Percent	23%, 7%, 40%
CMY	0.7686, 0.9255, 0.5961
CMYK	0.43, 0.82, 0.00, 0.60
HSL	269°, 69%, 24%
HSV	269°, 82%, 40%
XYZ	4.4847, 2.3748, 13.0540
YIQ	40.5360, -3.1240, 34.6040

Conversions

Conversions Part 2

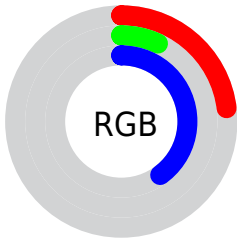
Format	Color
R_{YB}	59, 19, 103
Decimal	3871591
CIE _{Lab}	17.34, 36.96, -41.13
CIE _{LCh}	17, 55.296, 311.941
Yxy	2.3748, 0.2252, 0.1193
Android (android.graphics.Color)	4282061671 (0xFF3B1367)
YUV	40.5360, 30.7948, 16.1929
Hunter-Lab	15.4105, 24.9780, -39.4364

Details

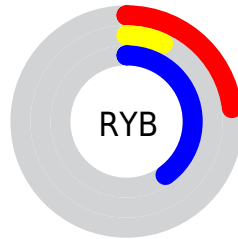
The YUV color **40.5360, 30.7948, 16.1929** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **81.4640, -30.7948, -16.1929**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.1880, 31.9523, 18.2521**, and **8.3630, 22.9920, -1.1954** is the 20% darker color. If you saturate the color by 10%, you get **33.1710, 34.4257, 18.2670**, and if you desaturate by 10%, it is **47.9010, 27.1638, 14.1188**.

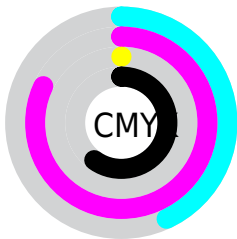
Distribution



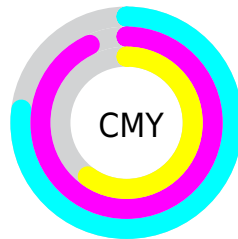
- Red (23%)
- Green (7%)
- Blue (40%)



- Red (23%)
- Yellow (7%)
- Blue (40%)



- Cyan (43%)
- Magenta (82%)
- Yellow (0%)
- Black (60%)



- Cyan (77%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.5360, 30.7948, 16.1929 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 40.5360, 30.7948, 16.1929 by changing the saturation by 10% instead.

40.5360, 30.7948,
16.1929

40.5360, 30.7948,
16.1929

254.4130, 0.2894,
0.5148

18.7590, 29.2058,
12.4894

90.1880, 31.9523,
18.2521

8.3630, 22.9920,
-1.1954

115.4270, 32.8205,
19.7965

4.9360, 13.8356,
-4.3289

141.9540, 33.5467,
20.2113

0.5700, 2.1840,
-0.4999

168.7800, 34.1255,
21.2409


0.0000, 0.0000,
0.0000


195.2380, 29.4627,
23.4703


219.7580, 17.3743,


27.3992


 237.3900, 8.6817,
15.4440


 40.5360, 30.7948,
16.1929

 40.5360, 30.7948,
16.1929


 33.1710, 34.4257,
18.2670


 47.9010, 27.1638,
14.1188

 26.3930, 37.7673,
19.8263

 56.1520, 23.0961,
12.1447

 63.5170, 19.4651,
10.0706

 71.1810, 15.6868,
8.6113

 79.1330, 11.7664,
6.0224

■ 86.4980, 8.1355,
3.9483

■ 94.1620, 4.3571,
2.4889

■ 101.5270, 0.7262,
0.4148

■ 109.7780, -3.3416,
-1.5593

Harmonies

Analogous

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



39.8500, 40.9930, -34.9485



40.5360, 30.7948, 16.1929



37.0540, 15.2564, 53.4496

Triad

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



40.5360, 30.7948, 16.1929



40.0240, -19.7318, 28.9200



40.0710, 8.8390, -35.1423

Complementary

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



40.5360, 30.7948, 16.1929



81.4640, -30.7948, -16.1929

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.



34.5820, -9.6539, -30.3284



40.5360, 30.7948, 16.1929



38.6630, -19.0609, 0.2955

Square

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



40.5360, 30.7948, 16.1929



29.0030, -14.2985, 59.6334



31.1110, -15.3377, -27.2843



44.4030, 25.4373, -38.9414

Rectangle

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



40.5360, 30.7948, 16.1929



36.7810, 2.5730, 61.5821



31.1110, -15.3377, -27.2843



38.4750, 2.7238, -33.7426

Sweetspot

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



40.5360, 30.7948, 16.1929



111.1330, 11.7664, 6.0224



54.9910, 23.6684, -31.5641



53.9710, 7.4093, 3.5334



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



40.5360, 30.7948, 16.1929



36.8850, 48.3707, 25.5339



52.7950, 24.7511, 41.3988



47.1680, 1.8892, 0.7297



29.5550, 42.1244, 22.3153



61.9730, 88.7533, 46.5047

Inverse Universe

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



49.1320, 6.8369, 47.2422



50.3340, 10.6813, 74.2521



69.2050, -24.7511, -41.3988



47.8370, 0.5734, 2.7740



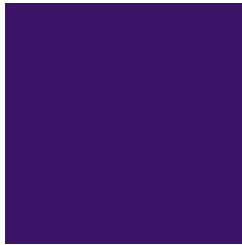
41.2250, 9.2561, 64.7007



86.8360, 19.8009, 136.0788

Previews

White Background



This preview shows how the YUV color 40.5360, 30.7948, 16.1929 looks on a white background.

Color Contrast Check

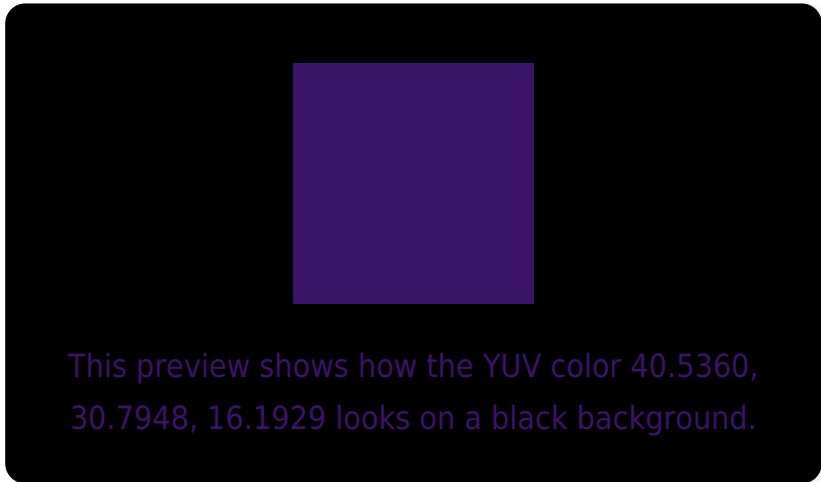
Large Text (above 18pt) WCAG AA ✓ Pass

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

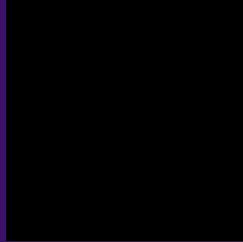
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.5360, 30.7948, 16.1929

Background



This preview shows how black text looks on a background with the YUV color 40.5360, 30.7948, 16.1929.



This preview shows how white text looks on a background with the YUV color 40.5360, 30.7948,

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

40.5360, 30.7948, 16.1929

Protanopia

35.5010, 26.8680, -31.1344

Deuteranopia

35.1930, 20.6109, -30.8643



Tritanopia

44.2390, 0.8682, 1.5444

Trichromacy



Original Color

40.5360, 30.7948, 16.1929

Protanomaly

37.0670, 28.5610, -14.0908

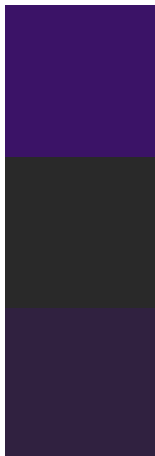
Deuteranomaly

37.2150, 24.0510, -14.2206

Tritanomaly

42.8450, 11.9084, 7.1519

Monochromacy



Original Color

40.5360, 30.7948, 16.1929

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0190, 11.3296, 6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.5360, 30.7948, 16.1929 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, 19, 103)` looks like.

```
.text, #text, p{  
    color:rgb(59, 19, 103)  
}
```

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, 19, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 19, 103) }
```

Border

The CSS property to change the border of an element to YUV 40.5360, 30.7948, 16.1929 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, 19, 103) }
```


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

```
.border{ border-color:rgb(59, 19, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 19, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 19, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 19, 103);  
box-shadow:4px 4px 4px 4px rgb(59, 19,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 40.5360, 30.7948, 16.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 19, 103) }
```

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

```
.background{ background-color: rgb(59, 19,  
103) }
```

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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