

Converting Colors

YUV(40.8410, 28.1794, 15.0484)

Have a look what the booklet for
YUV(40.8410, 28.1794, 15.0484)
contains.

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Color

**YUV(40.8410, 28.1794,
15.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1562
RGB	58, 21, 98
RGB Percent	23%, 8%, 38%
CMY	0.7725, 0.9176, 0.6157
CMYK	0.41, 0.79, 0.00, 0.62
HSL	269°, 65%, 23%
HSV	269°, 79%, 38%
XYZ	4.2177, 2.3177, 11.7803
YIQ	40.8410, -2.6650, 31.7910

Conversions

Conversions Part 2

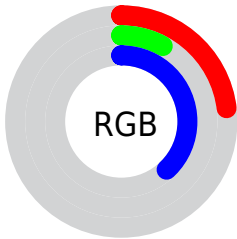
Format	Color
R _Y B	58, 21, 98
Decimal	3806562
CIE Lab	17.07, 34.46, -38.28
CIE LCh	17, 51.504, 311.995
Yxy	2.3177, 0.2303, 0.1265
Android (android.graphics.Color)	4281996642 (0xFF3A1562)
YUV	40.8410, 28.1794, 15.0484
Hunter-Lab	15.2240, 22.8099, -35.2217

Details

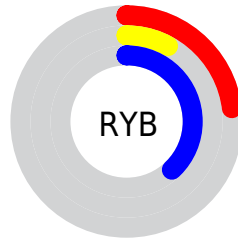
The YUV color **40.8410, 28.1794, 15.0484** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **78.1590, -28.1794, -15.0484**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.4930, 29.3370, 17.1076**, and **7.9070, 21.2448, -0.7954** is the 20% darker color. If you saturate the color by 10%, you get **33.4760, 31.8103, 17.1225**, and if you desaturate by 10%, it is **48.2060, 24.5484, 12.9743**.

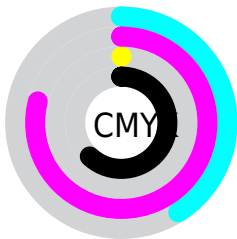
Distribution



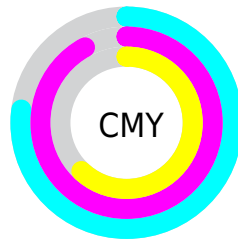
- Red (23%)
- Green (8%)
- Blue (38%)



- Red (23%)
- Yellow (8%)
- Blue (38%)



- Cyan (41%)
- Magenta (79%)
- Yellow (0%)
- Black (62%)



- Cyan (77%)
- Magenta (92%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.8410, 28.1794, 15.0484 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 40.8410, 28.1794, 15.0484 by changing the saturation by 10% instead.

40.8410, 28.1794,
15.0484

40.8410, 28.1794,
15.0484

255.0000, 0.0000,
0.0000

18.3030, 27.4586,
12.8893

89.4930, 29.3370,
17.1076

7.9070, 21.2448,
-0.7954

114.7320, 30.2051,
18.6520

4.3660, 11.6516,
-3.8290

141.2590, 30.9313,
19.0669

0.0000, 0.0000,
0.0000

168.1990, 31.9469,
19.9965

194.3410, 29.9049,
21.6259

219.4480, 17.5271,

25.0401

237.9770, 8.3923,
14.9292

40.8410, 28.1794,
15.0484

40.8410, 28.1794,
15.0484

33.4760, 31.8103,
17.1225

48.2060, 24.5484,
12.9743

26.1110, 35.4413,
19.1967

55.5710, 20.9175,
10.9002

25.2250, 35.8781,
19.0967

62.3490, 17.5759,
9.3409

69.7140, 13.9450,
7.2668

77.0790, 10.3141,
5.1927

■ 84.7430, 6.5357,
3.7334

■ 92.1080, 2.9048,
1.6593

■ 98.8860, -0.4368,
0.1000

■ 106.2510, -4.0677,
-1.9741

Harmonies

Analogous

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



38.4650, 38.2248, -33.7338



40.8410, 28.1794, 15.0484



35.6300, 14.9724, 51.1905

Triad

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



40.8410, 28.1794, 15.0484



40.0130, -19.7264, 27.1756



39.3700, 8.6916, -34.5275

Complementary

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



40.8410, 28.1794, 15.0484



78.1590, -28.1794, -15.0484

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.



34.2230, -8.4909, -30.0136



40.8410, 28.1794, 15.0484



38.3750, -18.9189, 1.4251

Square

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



40.8410, 28.1794, 15.0484



27.8070, -13.7089, 57.1743



30.5240, -15.0483, -26.7695



43.3600, 23.9795, -38.0267

Rectangle

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



40.8410, 28.1794, 15.0484



35.1720, 2.8732, 58.6082



30.5240, -15.0483, -26.7695



37.8880, 3.0132, -33.2278

Sweetspot

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



40.8410, 28.1794, 15.0484



105.0190, 11.3296, 6.1223



53.8450, 21.7684, -28.8051



49.8570, 6.9725, 3.6334



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



40.8410, 28.1794, 15.0484



38.7230, 44.0136, 23.0449



51.9040, 22.7253, 37.7952



45.0540, 1.4524, 0.8296



28.9140, 40.9614, 22.0004



61.7450, 87.8797, 46.7046

Inverse Universe

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



48.5830, 6.1216, 43.3387



50.9480, 9.3926, 67.5746



67.0960, -22.7253, -37.7952



45.4240, 0.2840, 2.2592



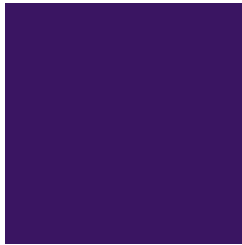
40.1000, 8.8247, 63.0563



86.0100, 19.2221, 135.0492

Previews

White Background



This preview shows how the YUV color 40.8410, 28.1794, 15.0484 looks on a white background.

Color Contrast Check

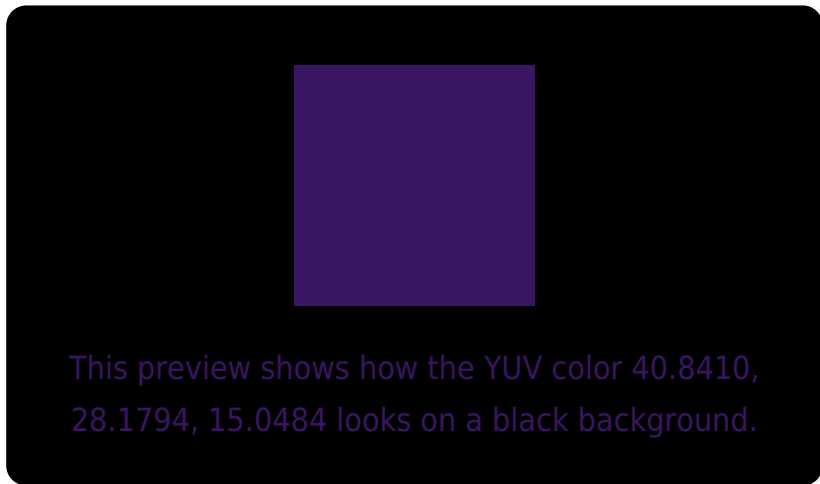
Large Text (above 18pt) WCAG AA ✓ Pass

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

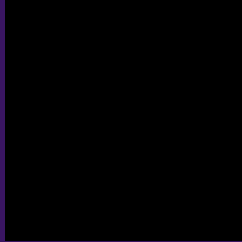
Any Text WCAG AA × Fail

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 40.8410, 28.1794, 15.0484 Background



This preview shows how black text looks on a background with the YUV color 40.8410, 28.1794, 15.0484.



This preview shows how white text looks on a background with the YUV color 40.8410, 28.1794,

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

40.8410, 28.1794, 15.0484

Protanopia

34.6860, 26.2838, -30.4196

Deuteranopia

34.4920, 20.4634, -30.2495



Tritanopia

43.5380, 0.7208, 2.1592

Trichromacy



Original Color

40.8410, 28.1794, 15.0484

Protanomaly

36.7250, 27.2506, -13.7908

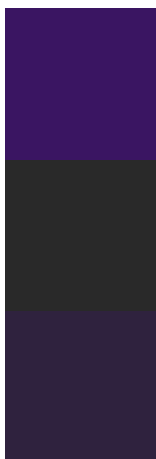
Deuteranomaly

36.9870, 23.1774, -14.0206

Tritanomaly

42.2040, 10.7454, 6.8371

Monochromacy



Original Color

40.8410, 28.1794, 15.0484

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0790, 10.3141, 5.1927

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.8410, 28.1794, 15.0484 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(58, 21, 98)` looks like.

```
.text, #text, p{  
    color:rgb(58, 21, 98)  
}
```

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(58, 21, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 21, 98) }
```

Border

The CSS property to change the border of an element to YUV 40.8410, 28.1794, 15.0484 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(58, 21, 98) }
```


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

```
.border{ border-color:rgb(58, 21, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 21, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 21, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 21, 98);  
box-shadow:4px 4px 4px 4px rgb(58, 21, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.8410, 28.1794, 15.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 21, 98) }
```

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

```
.background{ background-color: rgb(58, 21,  
98) }
```

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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