

Converting Colors

YUV(40.2910, 15.6325, 26.0548)

Have a look what the booklet for
YUV(40.2910, 15.6325, 26.0548)
contains.

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Color

**YUV(40.2910, 15.6325,
26.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	461348
RGB	70, 19, 72
RGB Percent	27%, 7%, 28%
CMY	0.7255, 0.9255, 0.7176
CMYK	0.03, 0.74, 0.00, 0.72
HSL	298°, 58%, 18%
HSV	298°, 74%, 28%
XYZ	3.9284, 2.2357, 6.3554
YIQ	40.2910, 13.3830, 27.2950

Conversions

Conversions Part 2

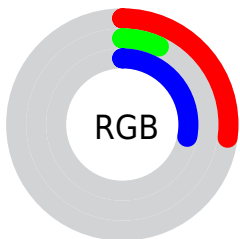
Format	Color
RYB	70, 19, 72
Decimal	4592456
CIELab	16.68, 32.02, -21.24
CIElCh	17, 38.421, 326.441
Yxy	2.2357, 0.3138, 0.1786
Android (android.graphics.Color)	4282782536 (0xFF461348)
YUV	40.2910, 15.6325, 26.0548
Hunter-Lab	14.9523, 20.7300, -14.7342

Details

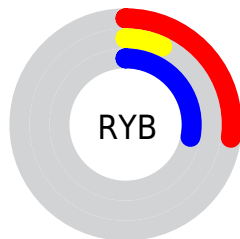
The YUV color **40.2910, 15.6325, 26.0548** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.7090, -15.6325, -26.0548**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.0030, 15.7745, 27.1844**, and **10.0690, 8.8400, 11.3405** is the 20% darker color. If you saturate the color by 10%, you get **36.1820, 17.6583, 29.6584**, and if you desaturate by 10%, it is **44.4000, 13.6068, 22.4512**.

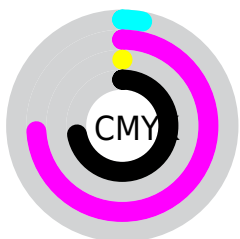
Distribution



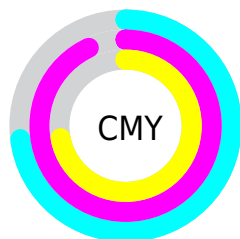
- Red (27%)
- Green (7%)
- Blue (28%)



- Red (27%)
- Yellow (7%)
- Blue (28%)



- Cyan (3%)
- Magenta (74%)
- Yellow (0%)
- Black (72%)



- Cyan (73%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.2910, 15.6325, 26.0548 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 40.2910, 15.6325, 26.0548 by changing the saturation by 10% instead.

■ 40.2910, 15.6325,
26.0548

■ 40.2910, 15.6325,
26.0548

■ 254.4130, 0.2894,
0.5148

■ 19.3400, 14.6224,
23.3808

■ 89.0030, 15.7745,
27.1844

■ 10.0690, 8.8400,
11.3405

■ 114.1280, 16.2059,
28.8287

■ 0.0000, 0.0000,
0.0000

■ 139.8400, 16.3479,
29.9583


■ 166.6660, 16.9267,
30.9879


■ 194.0790, 17.2161,
31.5027


■ 220.9540, 16.7847,

29.8583


 237.3900, 8.6817,
15.4440


 40.2910, 15.6325,
26.0548


 40.2910, 15.6325,
26.0548

 36.1820, 17.6583,
29.6584


 44.4000, 13.6068,
22.4512


 31.7740, 19.8314,
32.6472

 48.8080, 11.4337,
19.4624

 28.8390, 21.2784,
35.2212

 53.5040, 9.1185,
15.3440

 57.6130, 7.0928,
11.7404

 61.7220, 5.0671,
8.1368

■ 66.1300, 2.8939,
5.1480

■ 70.2390, 0.8682,
1.5444

■ 74.9350, -1.4470,
-2.5740

■ 79.0440, -3.4727,
-6.1776

Harmonies

Analogous

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



39.5900, 25.3451, -9.2874



40.2910, 15.6325, 26.0548



32.1320, 6.8369, 47.2422

Triad

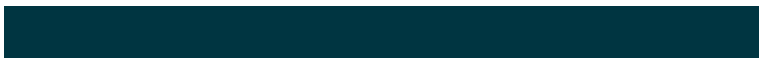
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.2910, 15.6325, 26.0548



39.3380, -19.3936, 13.7356



38.5210, 13.0541, -33.7829

Complementary

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



40.2910, 15.6325, 26.0548



50.7090, -15.6325, -26.0548

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.



34.7420, 1.1132, -30.4687



40.2910, 15.6325, 26.0548



36.2600, -17.8762, -6.3670

Square

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



40.2910, 15.6325, 26.0548



37.6870, -18.5797, 32.7235



30.5070, -12.5750, -26.7546



39.8550, 23.2425, -34.9528

Rectangle

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



40.2910, 15.6325, 26.0548



31.8520, -1.8990, 49.2418



30.5070, -12.5750, -26.7546



37.4950, 9.1230, -32.8831

Sweetspot

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



40.2910, 15.6325, 26.0548



82.2600, 5.7878, 10.2960



26.8030, 22.2821, -6.8432



40.9560, 3.4727, 6.1776



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



40.2910, 15.6325, 26.0548



44.3820, 24.4617, 40.8840



38.1530, 4.8546, 29.6838



33.6520, 1.1576, 2.0592



39.9900, 29.0919, 49.1208



91.0600, 67.0184, 111.3264

Inverse Universe

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



35.0750, -6.9390, 32.3832



36.1590, -10.9244, 50.7266



52.8470, -4.8546, -29.6838



33.1960, -0.5896, 2.4591



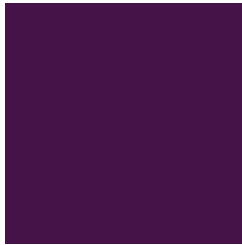
30.0570, -12.8461, 60.4630



68.8990, -29.5302, 138.6546

Previews

White Background



This preview shows how the YUV color 40.2910, 15.6325, 26.0548 looks on a white background.

Color Contrast Check

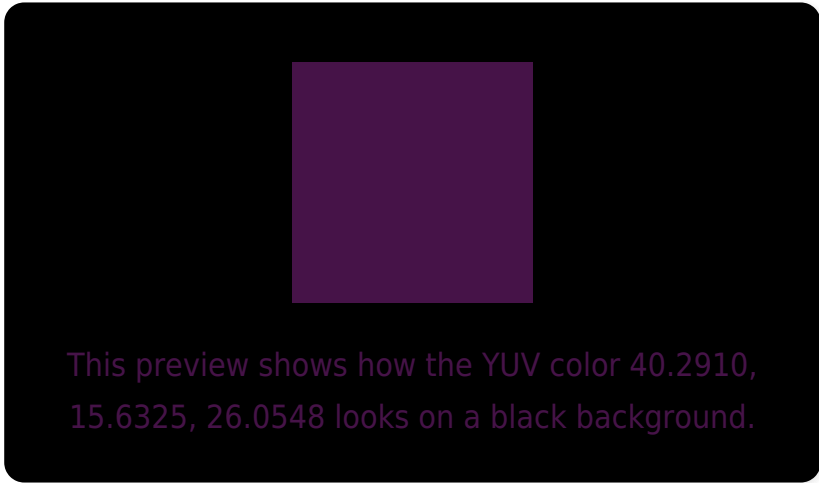
Large Text (above 18pt) WCAG AA ✓ Pass

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

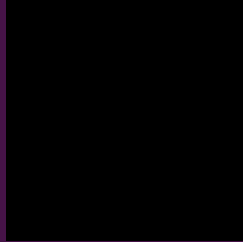
Any Text WCAG AA × Fail

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 40.2910, 15.6325, 26.0548 Background



This preview shows how black text looks on a background with the YUV color 40.2910, 15.6325, 26.0548.



This preview shows how white text looks on a background with the YUV color 40.2910, 15.6325,

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

40.2910, 15.6325, 26.0548

Deuteranopia

41.3650, 13.1311, -11.7211

Tritanopia

42.5080, -3.7014, 20.6025

Trichromacy



Original Color

40.2910, 15.6325, 26.0548

Deuteranomaly

40.6810, 13.9613, 2.0338

Tritanomaly

41.3540, 3.2765, 22.4915

Monochromacy



Original Color

40.2910, 15.6325, 26.0548

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.2910, 15.6325, 26.0548 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(70, 19, 72)` looks like.

```
.text, #text, p{  
    color:rgb(70, 19, 72)  
}
```

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(70, 19, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 19, 72) }
```

Border

The CSS property to change the border of an element to YUV 40.2910, 15.6325, 26.0548 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(70, 19, 72) }
```

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

```
.border{ border-color:rgb(70, 19, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 19, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 19, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 19, 72);  
box-shadow:4px 4px 4px 4px rgb(70, 19, 72)  
}
```


Background

The CSS property to change the background color of an element to YUV 40.2910, 15.6325, 26.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 19, 72) }
```

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

```
.background{ background-color: rgb(70, 19,  
72) }
```

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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