

Converting Colors

YUV(42.0340, 52.2412, -2.6608)

Have a look what the booklet for
YUV(42.0340, 52.2412, -2.6608)
contains.

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Color

**YUV(42.0340, 52.2412,
-2.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	271794
RGB	39, 23, 148
RGB Percent	15%, 9%, 58%
CMY	0.8471, 0.9098, 0.4196
CMYK	0.74, 0.84, 0.00, 0.42
HSL	248°, 73%, 34%
HSV	248°, 84%, 58%
XYZ	6.4884, 3.1822, 28.2892
YIQ	42.0340, -30.5890, 42.2670

Conversions

Conversions Part 2

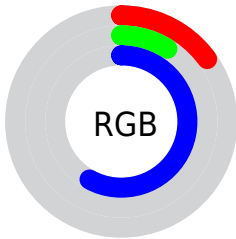
Format	Color
R_{YB}	39, 23, 148
Decimal	2561940
CIE _{Lab}	20.76, 45.90, -64.24
CIE _{LCh}	21, 78.955, 305.547
Yxy	3.1822, 0.1709, 0.0838
Android (android.graphics.Color)	4280752020 (0xFF271794)
YUV	42.0340, 52.2412, -2.6608
Hunter-Lab	17.8388, 33.7065, -81.5362

Details

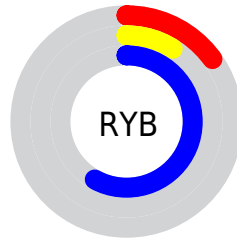
The YUV color **42.0340, 52.2412, -2.6608** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **128.9660, -52.2412, 2.6608**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.6160, 52.9403, 6.4758**, and **10.9440, 41.9326, -9.5979** is the 20% darker color. If you saturate the color by 10%, you get **29.3420, 58.4984, -2.9309**, and if you desaturate by 10%, it is **54.7260, 45.9841, -2.3907**.

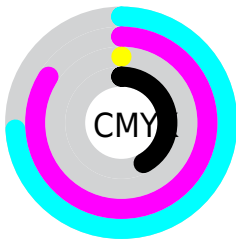
Distribution



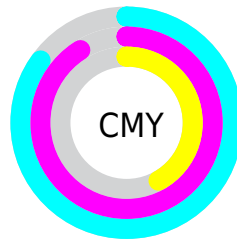
- Red (15%)
- Green (9%)
- Blue (58%)



- Red (15%)
- Yellow (9%)
- Blue (58%)



- Cyan (74%)
- Magenta (84%)
- Yellow (0%)
- Black (42%)



- Cyan (85%)
- Magenta (91%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0340, 52.2412, -2.6608 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 42.0340, 52.2412, -2.6608 by changing the saturation by 10% instead.

■ 42.0340, 52.2412,
-2.6608

■ 42.0340, 52.2412,
-2.6608

■ 255.0000, 0.0000,
0.0000

■ 13.7940, 52.8526,
-12.0973

■ 95.6160, 52.9403,
6.4758

■ 10.9440, 41.9326,
-9.5979

■ 122.2680, 54.0979,
8.5350

■ 9.8550, 30.1445,
-8.6428

■ 148.2360, 52.6347,
11.1940

■ 7.8200, 19.8087,
-6.8581

■ 172.7560, 40.5463,
15.1230

■ 3.5510, 11.0674,
-3.1142

■ 197.5750, 28.3105,
19.6667

■ 0.0000, 0.0000,
0.0000

■ 222.3940, 16.0748,

24.2105

240.9120, 6.9454,
12.3552

42.0340, 52.2412,
-2.6608

42.0340, 52.2412,
-2.6608

29.3420, 58.4984,
-2.9309

54.7260, 45.9841,
-2.3907

22.5530, 61.8454,
-3.1160

67.4180, 39.7269,
-2.1206

79.5230, 33.7592,
-1.3357

92.2150, 27.5020,
-1.0656

104.9070, 21.2448,
-0.7954

■ 117.3000, 15.1351,
-1.1401

■ 129.9920, 8.8779,
-0.8700

■ 142.0970, 2.9102,
-0.0851

■ 154.7890, -3.3470,
0.1850

Harmonies

Analogous

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



53.5400, 57.9078, -46.9546



42.0340, 52.2412, -2.6608



47.5790, 25.8436, 64.3902

Triad

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



42.0340, 52.2412, -2.6608



42.2160, -20.8125, 48.9226



47.3430, 6.2399, -41.5198

Complementary

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



42.0340, 52.2412, -2.6608



128.9660, -52.2412, 2.6608

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.



39.3290, -19.3892, -34.4915



42.0340, 52.2412, -2.6608



46.3710, -22.8609, 5.8136

Square

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



42.0340, 52.2412, -2.6608



38.8700, -19.1629, 79.9210



36.9810, -18.2316, -32.4323



54.5420, 31.2848, -47.8333

Rectangle

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



42.0340, 52.2412, -2.6608



48.6290, 6.5919, 79.2554



36.9810, -18.2316, -32.4323



44.3620, -2.6435, -38.9055

Sweetspot

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



42.0340, 52.2412, -2.6608



150.5650, 19.9345, -0.4955



101.8200, 22.7667, -69.1251



72.5020, 12.0775, -0.4403



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



42.0340, 52.2412, -2.6608



28.9500, 79.8907, -4.3412



60.2730, 43.2494, 34.8406



68.0970, 2.9102, -0.0851



21.1140, 57.6248, -2.7310



1.4390, 4.2206, -0.3850

Inverse Universe

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



72.8010, 29.1851, 65.9495



76.1470, 44.7905, 100.7261



110.7270, -43.2494, -34.8406



69.7770, 1.5889, 3.7036



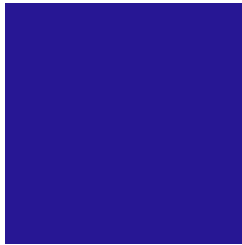
54.9420, 32.0736, 72.8419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 42.0340, 52.2412, -2.6608 looks on a white background.

Color Contrast Check

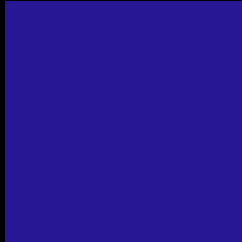
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0340, 52.2412, -2.6608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

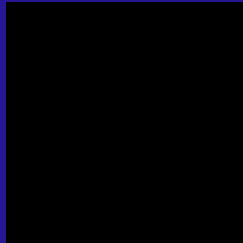
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0340, 52.2412, -2.6608

Background



This preview shows how black text looks on a background with the YUV color 42.0340, 52.2412, -2.6608.



This preview shows how white text looks on a background with the YUV color 42.0340, 52.2412, -2.6608.

-2.6608.

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

42.0340, 52.2412, -2.6608

Protanopia

40.5050, 30.8100, -35.5229

Deuteranopia

41.1430, 23.1005, -36.0824



Tritanopia

40.2990, 9.7126, -35.3422

Trichromacy



Original Color

42.0340, 52.2412, -2.6608

Protanomaly

41.2320, 38.3396, -23.8825

Deuteranomaly

41.3800, 33.8297, -24.0123

Tritanomaly

41.0890, 25.0991, -23.7571

Monochromacy



Original Color

42.0340, 52.2412, -2.6608

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0380, 19.2083, -0.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0340, 52.2412, -2.6608 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(39, 23, 148)` looks like.

```
.text, #text, p{  
    color:rgb(39, 23, 148)  
}
```

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(39, 23, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 23, 148) }
```

Border

The CSS property to change the border of an element to YUV 42.0340, 52.2412, -2.6608 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(39, 23, 148) }
```


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

```
.border{ border-color:rgb(39, 23, 148) }
```

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

Here you see how a box with a 4 pixel rgb(39, 23, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 23, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 23, 148);  
box-shadow:4px 4px 4px 4px rgb(39, 23,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 42.0340, 52.2412, -2.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 23, 148) }
```

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

```
.background{ background-color: rgb(39, 23,  
148) }
```

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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