

Converting Colors

YUV(42.1040, 5.8647, 32.3578)

Have a look what the booklet for
YUV(42.1040, 5.8647, 32.3578)
contains.

YUV(42.1040, 5.8647, 32.3578)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(42.1040, 5.8647,
32.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1536
RGB	79, 21, 54
RGB Percent	31%, 8%, 21%
CMY	0.6902, 0.9176, 0.7882
CMYK	0.00, 0.73, 0.32, 0.69
HSL	326°, 58%, 20%
HSV	326°, 73%, 31%
XYZ	4.1585, 2.4649, 3.7466
YIQ	42.1040, 23.9750, 22.5590

Conversions

Conversions Part 2

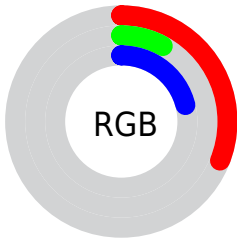
Format	Color
RYB	79, 21, 54
Decimal	5182774
CIELab	17.76, 30.67, -6.85
CIElCh	18, 31.425, 347.418
Yxy	2.4649, 0.4010, 0.2377
Android (android.graphics.Color)	4283372854 (0xFF4F1536)
YUV	42.1040, 5.8647, 32.3578
Hunter-Lab	15.7001, 19.8038, -3.1587

Details

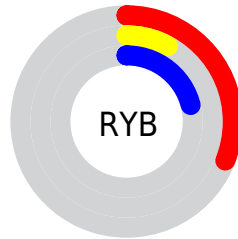
The YUV color **42.1040, 5.8647, 32.3578** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **57.8960, -5.8647, -32.3578**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.1860, 4.8383, 34.9169**, and **10.7790, -1.3700, 19.4878** is the 20% darker color. If you saturate the color by 10%, you get **37.0660, 6.8695, 36.7761**, and if you desaturate by 10%, it is **47.1420, 4.8600, 27.9395**.

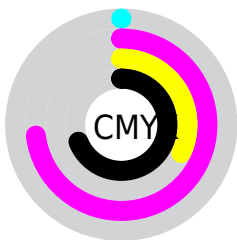
Distribution



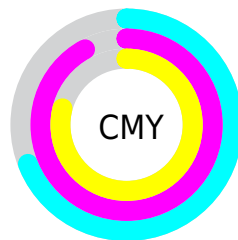
- Red (31%)
- Green (8%)
- Blue (21%)



- Red (31%)
- Yellow (8%)
- Blue (21%)



- Cyan (0%)
- Magenta (73%)
- Yellow (32%)
- Black (69%)



- Cyan (69%)
- Magenta (92%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1040, 5.8647, 32.3578 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 42.1040, 5.8647, 32.3578 by changing the saturation by 10% instead.

42.1040, 5.8647,
32.3578

42.1040, 5.8647,
32.3578

255.0000, 0.0000,
0.0000

19.9080, 6.4544,
29.8987

91.1860, 4.8383,
34.9169

10.7790, -1.3700,
19.4878

115.8980, 4.9803,
36.0465

0.0000, 0.0000,
0.0000

142.4960, 4.6855,
37.2760

169.0940, 4.3907,
38.5056

196.8060, 4.5326,
39.6351

220.3210, 6.7437,

30.4135

239.1510, 7.8136,
13.8996

42.1040, 5.8647,
32.3578

42.1040, 5.8647,
32.3578

37.0660, 6.8695,
36.7761

47.1420, 4.8600,
27.9395

31.9140, 7.4374,
41.2944

52.2940, 4.2921,
23.4212

28.7510, 8.0108,
44.0684

57.3320, 3.2873,
19.0028

62.4840, 2.7194,
14.4845

66.9350, 2.0040,
10.5810

■ 71.9730, 0.9993,
6.1627

■ 77.1250, 0.4314,
1.6444

■ 82.1630, -0.5734,
-2.7740

■ 87.3150, -1.1413,
-7.2923

Harmonies

Analogous

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



44.8720, 14.3601, 14.1443



42.1040, 5.8647, 32.3578



40.0910, -4.4819, 37.6312

Triad

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



42.1040, 5.8647, 32.3578



39.8590, -19.6505, 2.7547



39.7750, 17.8589, -34.8827

Complementary

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



42.1040, 5.8647, 32.3578



57.8960, -5.8647, -32.3578

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.



38.0820, 8.8336, -33.3979



42.1040, 5.8647, 32.3578



34.8500, -12.7440, -19.1624

Square

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



42.1040, 5.8647, 32.3578



41.7300, -20.5729, 18.6538



34.8730, -0.9234, -30.5836



38.7950, 24.2581, -34.0232

Rectangle

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



42.1040, 5.8647, 32.3578



41.1200, -11.8912, 34.0978



34.8730, -0.9234, -30.5836



39.2050, 15.6749, -34.3828

Sweetspot

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



42.1040, 5.8647, 32.3578



87.9460, 1.9986, 12.3254



34.7880, 21.7965, 8.9559



42.6850, 1.1413, 7.2923



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



42.1040, 5.8647, 32.3578



44.7240, 9.0101, 50.2311



38.9120, -6.3656, 35.1572



35.5380, 0.7208, 2.1592



37.1100, 10.2988, 56.9085



83.7040, 23.3169, 128.3016

Inverse Universe

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



42.1040, 5.8647, 32.3578



44.7240, 9.0101, 50.2311



61.0880, 6.3656, -35.1572



35.5380, 0.7208, 2.1592



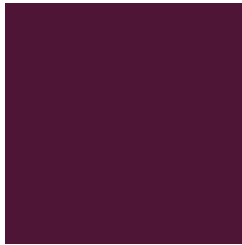
37.1100, 10.2988, 56.9085



83.7040, 23.3169, 128.3016

Previews

White Background



This preview shows how the YUV color 42.1040, 5.8647, 32.3578 looks on a white background.

Color Contrast Check

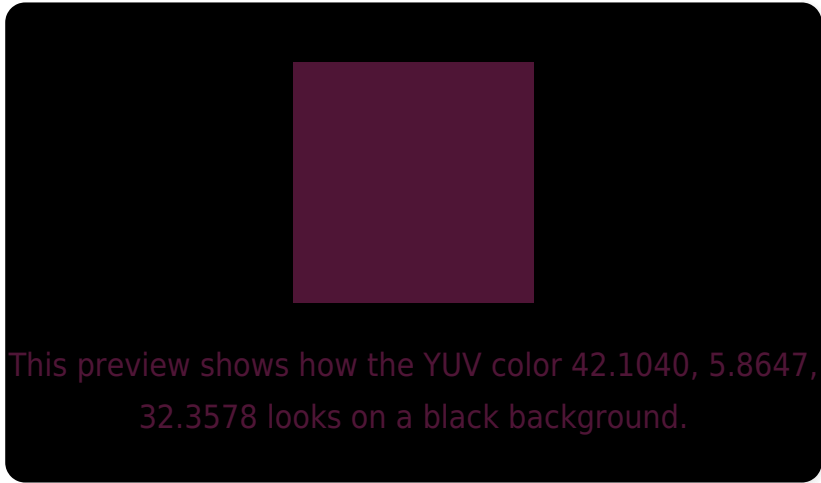
Large Text (above 18pt) WCAG AA ✓ Pass

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

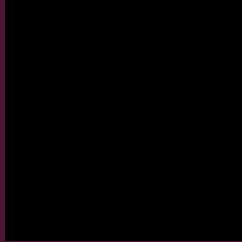
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1040, 5.8647, 32.3578

Background



This preview shows how black text looks on a background with the YUV color 42.1040, 5.8647, 32.3578.



This preview shows how white text looks on a background with the YUV color 42.1040, 5.8647,

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

42.1040, 5.8647, 32.3578

Protanopia

44.2730, 12.6834, -8.1324

Deuteranopia

45.6950, 2.6154, 1.1445



Tritanopia

42.8790, -6.3493, 29.9241

Trichromacy



Original Color

42.1040, 5.8647, 32.3578

Protanomaly

43.6770, 10.0192, 6.4223

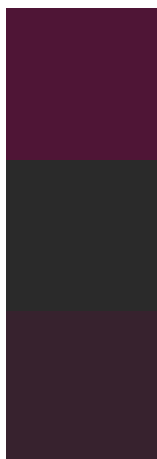
Deuteranomaly

44.7010, 3.5984, 12.5402

Tritanomaly

42.4430, -1.6974, 31.1835

Monochromacy



Original Color

42.1040, 5.8647, 32.3578

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.6470, 2.1460, 11.7106

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1040, 5.8647, 32.3578 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(79, 21, 54)` looks like.

```
.text, #text, p{  
    color:rgb(79, 21, 54)  
}
```

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(79, 21, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 21, 54) }
```

Border

The CSS property to change the border of an element to YUV 42.1040, 5.8647, 32.3578 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(79, 21, 54) }
```


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

```
.border{ border-color:rgb(79, 21, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 21, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 21, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 21, 54);  
box-shadow:4px 4px 4px 4px rgb(79, 21, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.1040, 5.8647, 32.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 21, 54) }
```

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

```
.background{ background-color: rgb(79, 21,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor