

Converting Colors

YUV(54.9330, 8.4140, 7.9518)

Have a look what the booklet for
YUV(54.9330, 8.4140, 7.9518)
contains.

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Color

**YUV(54.9330, 8.4140,
7.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	402F48
RGB	64, 47, 72
RGB Percent	25%, 18%, 28%
CMY	0.7490, 0.8157, 0.7176
CMYK	0.11, 0.35, 0.00, 0.72
HSL	281°, 21%, 23%
HSV	281°, 35%, 28%
XYZ	4.3006, 3.5909, 6.5973
YIQ	54.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

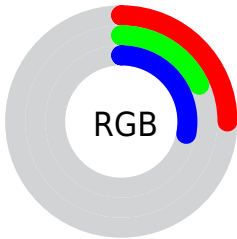
Format	Color
R_{YB}	64, 47, 72
Decimal	4206408
CIE _{Lab}	22.27, 13.21, -12.57
CIE _{LCh}	22, 18.237, 316.425
Yxy	3.5909, 0.2968, 0.2478
Android (android.graphics.Color)	4282396488 (0xFF402F48)
YUV	54.9330, 8.4140, 7.9518
Hunter-Lab	18.9497, 7.3481, -7.3771

Details

The YUV color **54.9330, 8.4140, 7.9518** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **64.0670, -8.4140, -7.9518**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8730, 9.4296, 8.8814**, and **10.1830, 9.2768, 11.2405** is the 20% darker color. If you saturate the color by 10%, you get **50.2260, 10.7346, 10.3258**, and if you desaturate by 10%, it is **59.6400, 6.0935, 5.5777**.

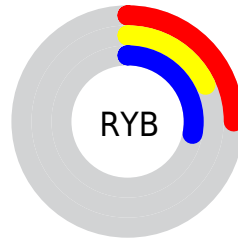
Distribution



Red (25%)

Green (18%)

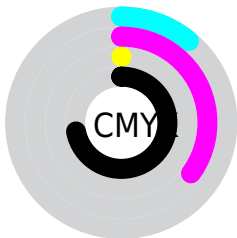
Blue (28%)



Red (25%)

Yellow (18%)

Blue (28%)

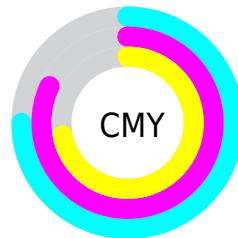


Cyan (11%)

Magenta (35%)

Yellow (0%)

Black (72%)



Cyan (75%)

Magenta (82%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.9330, 8.4140, 7.9518 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 54.9330, 8.4140, 7.9518 by changing the saturation by 10% instead.

■ 54.9330, 8.4140,
7.9518

■ 54.9330, 8.4140,
7.9518

■ 255.0000, 0.0000,
0.0000

■ 33.4060, 7.6878,
7.5369

■ 101.8730, 9.4296,
8.8814

■ 10.1830, 9.2768,
11.2405

■ 127.1720, 9.2822,
9.4962

■ 0.0000, 0.0000,
0.0000

■ 153.2860, 9.7190,
9.3962

■ 179.6990, 10.0084,
9.9110

■ 207.1120, 10.2978,
10.4258

■ 235.2970, 9.7136,

11.1405

254.4130, 0.2894,
0.5148

■ 54.9330, 8.4140,
7.9518

■ 54.9330, 8.4140,
7.9518

■ 50.2260, 10.7346,
10.3258

■ 59.6400, 6.0935,
5.5777

■ 45.2200, 13.2025,
12.0851

■ 64.6460, 3.6255,
3.8185

■ 39.9260, 15.8125,
14.9739

■ 69.9400, 1.0156,
0.9296

■ 35.2190, 18.1330,
17.3479

■ 74.6470, -1.3050,
-1.4444

■ 30.2130, 20.6010,
19.1072

■ 79.6530, -3.7729,
-3.2037

■ 25.5060, 22.9215,
21.4812

■ 84.3600, -6.0935,
-5.5777

■ 22.8590, 24.2265,
22.9257

■ 89.0670, -8.4140,
-7.9518

■ 94.3610, -11.0240,
-10.8406

■ 99.3670, -13.4919,
-12.5999

Harmonies

Analogous

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



52.9850, 12.8254, -7.0028



54.9330, 8.4140, 7.9518



54.8050, 2.5611, 18.5880

Triad

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



54.9330, 8.4140, 7.9518



52.4610, -12.5523, 12.7507



42.0600, 8.8444, -36.8866

Complementary

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



54.9330, 8.4140, 7.9518



64.0670, -8.4140, -7.9518

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.



46.7430, -0.3663, -22.5766



54.9330, 8.4140, 7.9518



51.8080, -12.2303, 2.7994

Square

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



54.9330, 8.4140, 7.9518



53.6020, -9.6638, 19.6430



49.5830, -7.6824, -9.2813



42.8410, 14.3754, -37.5716

Rectangle

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



54.9330, 8.4140, 7.9518



54.0890, -1.5229, 21.8469



49.5830, -7.6824, -9.2813



43.0990, 6.3602, -33.4128

Sweetspot

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



54.9330, 8.4140, 7.9518



87.8200, 3.0467, 2.7889



54.5460, 8.6048, -6.6178



44.7660, 1.5944, 1.9592



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.



54.9330, 8.4140, 7.9518



67.5190, 13.0551, 12.6998



56.8690, 5.4876, 13.2699



33.3530, 1.3050, 1.4444



31.6180, 33.2193, 31.9070



71.9240, 76.4525, 71.9807

Inverse Universe

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



55.3870, -0.1908, 14.5696



68.0290, -0.5073, 22.7766



62.1310, -5.4876, -13.2699



33.3100, -0.1528, 2.3591



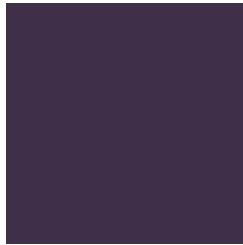
33.2490, -0.6158, 57.6636



76.1950, -1.5751, 132.2560

Previews

White Background



This preview shows how the YUV color 54.9330, 8.4140, 7.9518 looks on a white background.

Color Contrast Check

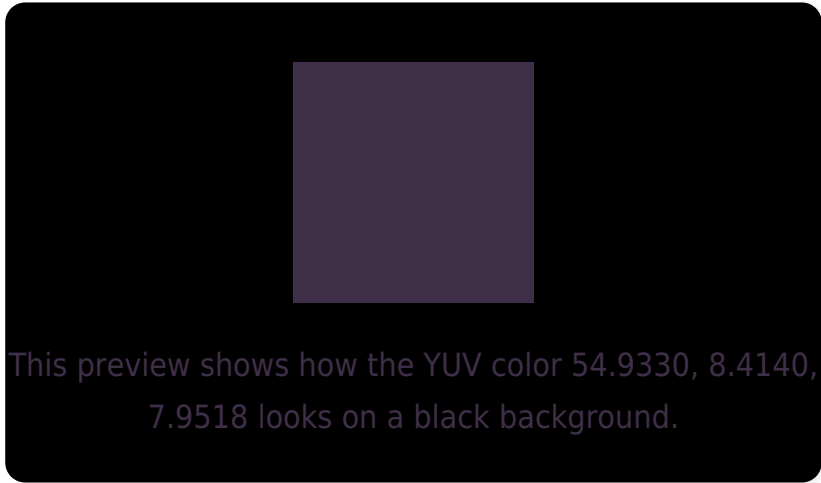
Large Text (above 18pt) WCAG AA ✓ Pass

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

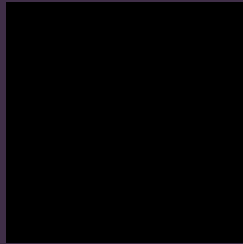
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.9330, 8.4140, 7.9518

Background



This preview shows how black text looks on a background with the YUV color 54.9330, 8.4140, 7.9518.



This preview shows how white text looks on a background with the YUV color 54.9330, 8.4140,

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

54.9330, 8.4140, 7.9518

Protanopia

53.5290, 11.0782, -6.6029

Deuteranopia

53.8560, 8.4520, -4.2587



Tritanopia

54.3320, -0.1637, 5.8478

Trichromacy



Original Color

54.9330, 8.4140, 7.9518

Protanomaly

54.3340, 10.1883, -1.1699

Deuteranomaly

54.1770, 8.2937, -0.1552

Tritanomaly

54.8420, 3.0359, 6.2776

Monochromacy



Original Color

54.9330, 8.4140, 7.9518

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.9330, 8.4140, 7.9518 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(64, 47, 72)` looks like.

```
.text, #text, p{  
  color:rgb(64, 47, 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(64, 47, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 47, 72) }
```

Border

The CSS property to change the border of an element to YUV 54.9330, 8.4140, 7.9518 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(64, 47, 72) }
```


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

```
.border{ border-color:rgb(64, 47, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 47, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 47, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 47, 72);  
box-shadow:4px 4px 4px 4px rgb(64, 47, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.9330, 8.4140, 7.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 47, 72) }
```

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

```
.background{ background-color: rgb(64, 47,  
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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