

Converting Colors

YUV(34.5630, 9.5824, 6.5222)

Have a look what the booklet for
YUV(34.5630, 9.5824, 6.5222)
contains.

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Color

**YUV(34.5630, 9.5824,
6.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1B36
RGB	42, 27, 54
RGB Percent	16%, 11%, 21%
CMY	0.8353, 0.8941, 0.7882
CMYK	0.22, 0.50, 0.00, 0.79
HSL	273°, 33%, 16%
HSV	273°, 50%, 21%
XYZ	2.0126, 1.5424, 3.6817
YIQ	34.5630, 0.2730, 11.5770

Conversions

Conversions Part 2

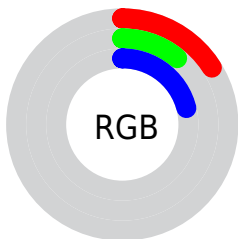
Format	Color
R_{YB}	42, 27, 54
Decimal	2759478
CIE _{Lab}	12.88, 13.87, -14.89
CIE _{LCh}	13, 20.345, 312.963
Yxy	1.5424, 0.2781, 0.2131
Android (android.graphics.Color)	4280949558 (0xFF2A1B36)
YUV	34.5630, 9.5824, 6.5222
Hunter-Lab	12.4195, 7.1924, -8.8824

Details

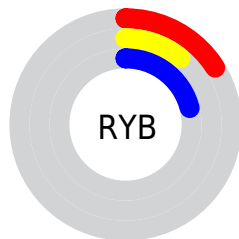
The YUV color **34.5630, 9.5824, 6.5222** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **46.4370, -9.5824, -6.5222**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.5030, 10.5980, 7.4519**, and **0.6840, 2.6208, -0.5999** is the 20% darker color. If you saturate the color by 10%, you get **31.0300, 11.3242, 7.8667**, and if you desaturate by 10%, it is **38.0960, 7.8407, 5.1778**.

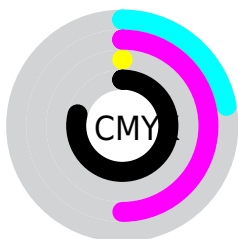
Distribution



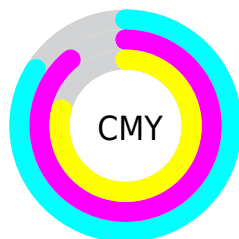
- Red (16%)
- Green (11%)
- Blue (21%)



- Red (16%)
- Yellow (11%)
- Blue (21%)



- Cyan (22%)
- Magenta (50%)
- Yellow (0%)
- Black (79%)



- Cyan (84%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.5630, 9.5824, 6.5222 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 34.5630, 9.5824, 6.5222 by changing the saturation by 10% instead.

■ 34.5630, 9.5824,
6.5222

■ 34.5630, 9.5824,
6.5222

■ 255.0000, 0.0000,
0.0000

■ 11.2260, 10.7346,
10.3258

■ 79.5030, 10.5980,
7.4519

■ 0.6840, 2.6208,
-0.5999

■ 103.3290, 11.1768,
8.4815

■ 0.0000, 0.0000,
0.0000

■ 128.4430, 11.6136,
8.3815

■ 154.8560, 11.9030,
8.8963

■ 181.2690, 12.1924,
9.4111

■ 209.2690, 12.1924,

9.4111

■ 236.7700, 8.9874,
10.7257

■ 34.5630, 9.5824,
6.5222

■ 34.5630, 9.5824,
6.5222

■ 31.0300, 11.3242,
7.8667

■ 38.0960, 7.8407,
5.1778

■ 26.6110, 13.5028,
9.1112

■ 42.5150, 5.6621,
3.9333

■ 23.0780, 15.2445,
10.4556

■ 46.0480, 3.9203,
2.5889

■ 18.6590, 17.4231,
11.7001

■ 50.4670, 1.7418,
1.3444

■ 15.1260, 19.1649,
13.0445

■ 54.0000, 0.0000,
0.0000

■ 57.5330, -1.7418,
-1.3444

■ 61.9520, -3.9203,
-2.5889

■ 65.4850, -5.6621,
-3.9333

■ 69.9040, -7.8407,
-5.1778

Harmonies

Analogous

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



32.0060, 14.2940, -11.4063



34.5630, 9.5824, 6.5222



34.1470, 3.8715, 18.2881

Triad

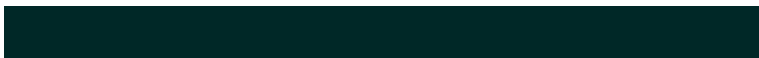
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.5630, 9.5824, 6.5222



31.9620, -15.7573, 14.0653



27.9260, 5.4595, -24.4911

Complementary

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



34.5630, 9.5824, 6.5222



46.4370, -9.5824, -6.5222

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.



26.3300, -0.6557, -23.0914



34.5630, 9.5824, 6.5222



30.7220, -15.1459, 4.6288

Square

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



34.5630, 9.5824, 6.5222



32.3140, -9.5218, 20.7726



29.3120, -10.0138, -8.1666



28.8210, 11.4272, -25.2760

Rectangle

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



34.5630, 9.5824, 6.5222



33.0290, -0.5073, 22.7766



29.3120, -10.0138, -8.1666



27.3560, 3.2755, -23.9912

Sweetspot

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



34.5630, 9.5824, 6.5222



63.9340, 3.4835, 2.6889



37.1220, 8.3209, -8.8770



30.9940, 2.4680, 1.7593



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



34.5630, 9.5824, 6.5222



40.6650, 14.9552, 9.9408



38.0370, 7.3768, 13.9996



25.9400, 1.0156, 0.9296



25.7370, 32.6677, 22.1557



61.4440, 77.6751, 53.1076

Inverse Universe

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



36.4410, 1.2616, 15.3992



43.7240, 2.1081, 23.9211



42.9630, -7.3768, -13.9996



26.0110, -0.0054, 1.7444



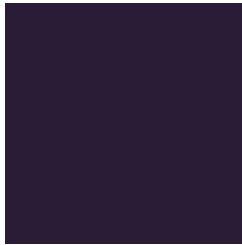
32.1820, 4.3473, 52.4604



76.5390, 10.0873, 124.9383

Previews

White Background



This preview shows how the YUV color 34.5630, 9.5824, 6.5222 looks on a white background.

Color Contrast Check

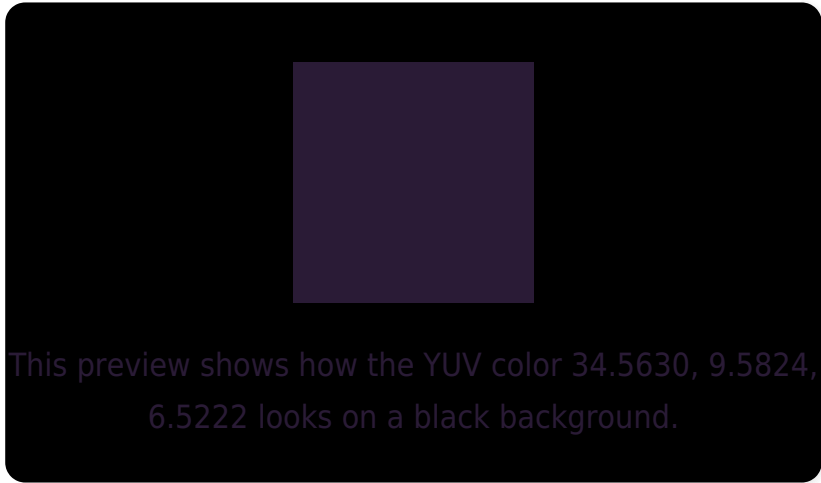
Large Text (above 18pt) WCAG AA ✓ Pass

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

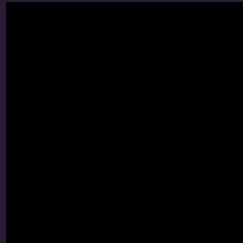
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.5630, 9.5824, 6.5222

Background



This preview shows how black text looks on a background with the YUV color 34.5630, 9.5824, 6.5222.



This preview shows how white text looks on a background with the YUV color 34.5630, 9.5824,

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

34.5630, 9.5824, 6.5222

Protanopia

32.3760, 13.1256, -9.9768

Deuteranopia

33.1760, 9.7732, -8.0474



Tritanopia

34.3210, -0.1583, 4.1035

Trichromacy



Original Color

34.5630, 9.5824, 6.5222

Protanomaly

33.3660, 11.6516, -3.8290

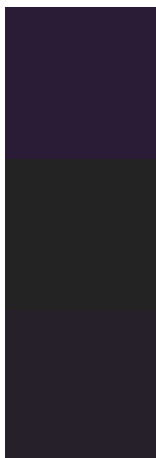
Deuteranomaly

33.5080, 9.6096, -2.1995

Tritanomaly

34.2440, 3.3307, 5.0480

Monochromacy



Original Color

34.5630, 9.5824, 6.5222

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.5630, 9.5824, 6.5222 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(42, 27, 54)` looks like.

```
.text, #text, p{  
    color:rgb(42, 27, 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(42, 27, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 27, 54) }
```

Border

The CSS property to change the border of an element to YUV 34.5630, 9.5824, 6.5222 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(42, 27, 54) }
```


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

```
.border{ border-color:rgb(42, 27, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 27, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 27, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 27, 54);  
box-shadow:4px 4px 4px 4px rgb(42, 27, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.5630, 9.5824, 6.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 27, 54) }
```

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

```
.background{ background-color: rgb(42, 27,  
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](#).

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