

Converting Colors

YUV(34.5630, 13.0334, 19.6772)

Have a look what the booklet for
YUV(34.5630, 13.0334, 19.6772)
contains.

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Color

**YUV(34.5630, 13.0334,
19.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	39123D
RGB	57, 18, 61
RGB Percent	22%, 7%, 24%
CMY	0.7765, 0.9294, 0.7608
CMYK	0.07, 0.70, 0.00, 0.76
HSL	294°, 54%, 15%
HSV	294°, 70%, 24%
XYZ	2.7460, 1.6394, 4.5866
YIQ	34.5630, 9.4410, 21.6410

Conversions

Conversions Part 2

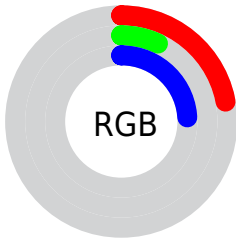
Format	Color
RYB	57, 18, 61
Decimal	3740221
CIELab	13.47, 26.40, -18.78
CIELCh	13, 32.403, 324.575
Yxy	1.6394, 0.3061, 0.1827
Android (android.graphics.Color)	4281930301 (0xFF39123D)
YUV	34.5630, 13.0334, 19.6772
Hunter-Lab	12.8039, 15.8748, -12.2761

Details

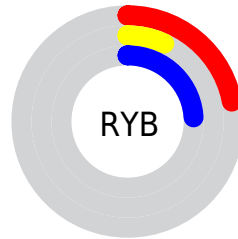
The YUV color **34.5630, 13.0334, 19.6772** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **44.4370, -13.0334, -19.6772**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.1010, 13.7542, 21.8364**, and **2.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **30.7420, 14.9172, 22.1513**, and if you desaturate by 10%, it is **38.3840, 11.1497, 17.2032**.

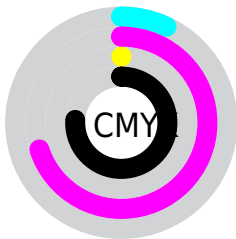
Distribution



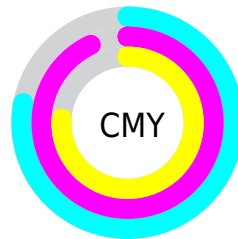
- Red (22%)
- Green (7%)
- Blue (24%)



- Red (22%)
- Yellow (7%)
- Blue (24%)



- Cyan (7%)
- Magenta (70%)
- Yellow (0%)
- Black (76%)



- Cyan (78%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.5630, 13.0334, 19.6772 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, 13.0334, 19.6772 by changing the saturation by 10% instead.

■ 34.5630, 13.0334,
19.6772

■ 34.5630, 13.0334,
19.6772

■ 251.4780, 1.7363,
3.0888

■ 15.2100, 11.7285,
18.2328

■ 81.1010, 13.7542,
21.8364

■ 2.5250, 7.1362,
-2.2144

■ 105.5140, 14.0436,
22.3512

■ 0.0000, 0.0000,
0.0000


■ 131.2260, 14.1856,
23.4808


■ 157.6390, 14.4750,
23.9956


■ 185.0520, 14.7644,
24.5104


■ 212.8780, 15.3431,


25.5400


 234.4550, 10.1287,
18.0180

 34.5630, 13.0334,
19.6772


 34.5630, 13.0334,
19.6772

 30.7420, 14.9172,
22.1513


 38.3840, 11.1497,
17.2032


 27.2200, 16.6535,
25.2401

 41.9060, 9.4133,
14.1144

 23.3990, 18.5373,
27.7141

 45.7270, 7.5296,
11.6404

 49.2490, 5.7932,
8.5516

 53.6570, 3.6201,
5.5628

■ 57.1790, 1.8838,
2.4740

■ 61.0000, 0.0000,
0.0000

■ 64.8210, -1.8838,
-2.4740

■ 68.3430, -3.6201,
-5.5628

Harmonies

Analogous

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



32.8520, 21.2720, -9.5172



34.5630, 13.0334, 19.6772



29.3110, 5.2697, 36.5613

Triad

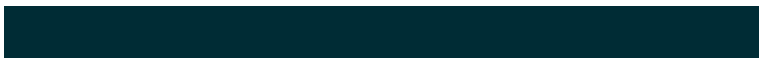
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.5630, 13.0334, 19.6772



33.1360, -16.3360, 13.0357



31.8700, 10.4171, -27.9500

Complementary

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



34.5630, 13.0334, 19.6772



44.4370, -13.0334, -19.6772

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.



29.2480, 0.3707, -25.6505



34.5630, 13.0334, 19.6772



30.9660, -15.2662, -3.4782

Square

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



34.5630, 13.0334, 19.6772



32.0500, -15.8006, 28.0202



24.7680, -11.7176, -21.7215



33.3350, 18.5688, -29.2348

Rectangle

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



34.5630, 13.0334, 19.6772



28.1990, -1.5771, 39.2905



24.7680, -11.7176, -21.7215



30.9580, 6.9227, -27.1502

Sweetspot

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



34.5630, 13.0334, 19.6772



68.7220, 5.0671, 8.1368



25.2500, 17.6247, -6.3582



34.8310, 3.0413, 4.5332



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



34.5630, 13.0334, 19.6772



37.8770, 20.2736, 30.8029



33.8210, 5.0182, 23.8360



28.9400, 1.0156, 0.9296



36.4300, 28.3820, 43.4729



85.4070, 67.3403, 101.3751

Inverse Universe

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



31.3130, -4.5913, 26.0355



32.7170, -7.2555, 40.5902



45.1790, -5.0182, -23.8360



28.8970, -0.4422, 1.8443



29.1320, -9.9251, 56.8892



68.7720, -23.5516, 134.3810

Previews

White Background



This preview shows how the YUV color 34.5630, 13.0334, 19.6772 looks on a white background.

Color Contrast Check

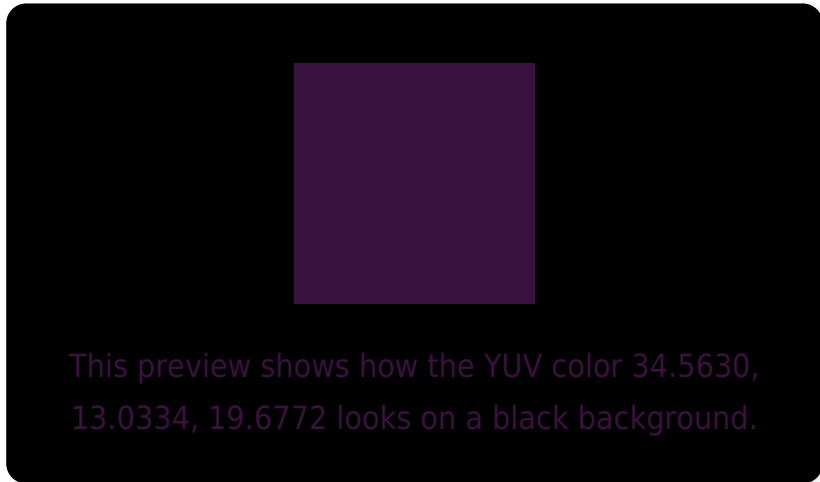
Large Text (above 18pt) WCAG AA ✓ Pass

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

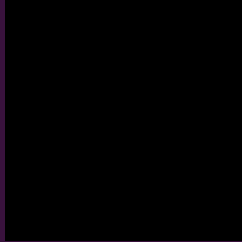
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.5630, 13.0334, 19.6772

Background



This preview shows how black text looks on a background with the YUV color 34.5630, 13.0334, 19.6772.



This preview shows how white text looks on a background with the YUV color 34.5630, 13.0334,

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, 13.0334, 19.6772

Protanopia

28.9810, 22.1944, -25.4163

Deuteranopia

34.6210, 11.5258, -10.1916



Tritanopia

35.7030, -2.8116, 15.1695

Trichromacy



Original Color

34.5630, 13.0334, 19.6772

Protanomaly

31.1680, 18.6512, -8.9173

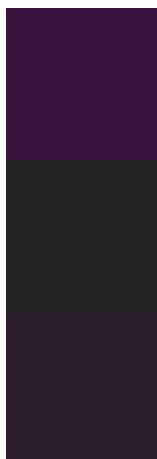
Deuteranomaly

34.2140, 12.2195, 0.6893

Tritanomaly

34.9080, 3.0034, 16.7437

Monochromacy



Original Color

34.5630, 13.0334, 19.6772

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.5630, 13.0334, 19.6772 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(57, 18, 61)` looks like.

```
.text, #text, p{  
    color:rgb(57, 18, 61)  
}
```

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(57, 18, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 18, 61) }
```

Border

The CSS property to change the border of an element to YUV 34.5630, 13.0334, 19.6772 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(57, 18, 61) }
```


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

```
.border{ border-color:rgb(57, 18, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 18, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 18, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 18, 61);  
box-shadow:4px 4px 4px 4px rgb(57, 18, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.5630, 13.0334, 19.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 18, 61) }
```

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

```
.background{ background-color: rgb(57, 18,  
61) }
```

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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