

Converting Colors

YUV(35.8200, 6.4977, 15.9439)

Have a look what the booklet for
YUV(35.8200, 6.4977, 15.9439)
contains.

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Color

**YUV(35.8200, 6.4977,
15.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	361831
RGB	54, 24, 49
RGB Percent	21%, 9%, 19%
CMY	0.7882, 0.9059, 0.8078
CMYK	0.00, 0.56, 0.09, 0.79
HSL	310°, 38%, 15%
HSV	310°, 56%, 21%
XYZ	2.4023, 1.6593, 3.0994
YIQ	35.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

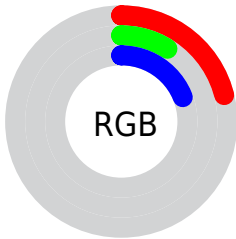
Format	Color
R_{YB}	54, 24, 49
Decimal	3545137
CIE Lab	13.59, 19.21, -10.05
CIE LCh	14, 21.679, 332.367
Yxy	1.6593, 0.3355, 0.2317
Android (android.graphics.Color)	4281735217 (0xFF361831)
YUV	35.8200, 6.4977, 15.9439
Hunter-Lab	12.8813, 10.7474, -5.2489

Details

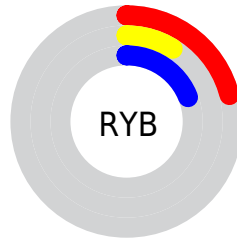
The YUV color **35.8200, 6.4977, 15.9439** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **42.1800, -6.4977, -15.9439**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.2440, 6.7817, 18.2030**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.7710, 7.5079, 18.6178**, and if you desaturate by 10%, it is **38.8690, 5.4876, 13.2699**.

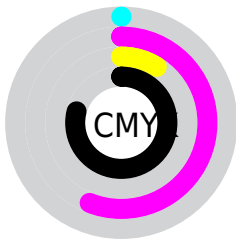
Distribution



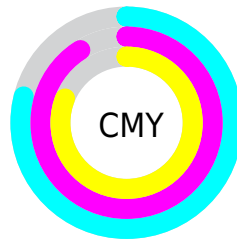
- Red (21%)
- Green (9%)
- Blue (19%)



- Red (21%)
- Yellow (9%)
- Blue (19%)



- Cyan (0%)
- Magenta (56%)
- Yellow (9%)
- Black (79%)



- Cyan (79%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.8200, 6.4977, 15.9439 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 35.8200, 6.4977, 15.9439 by changing the saturation by 10% instead.

■ 35.8200, 6.4977,
15.9439

■ 35.8200, 6.4977,
15.9439

■ 253.8260, 0.5788,
1.0296

■ 13.3580, 7.2185,
18.1030

■ 81.2440, 6.7817,
18.2030

■ 0.0000, 0.0000,
0.0000

■ 105.6570, 7.0711,
18.7178

■ 131.0700, 7.3605,
19.2326

■ 157.3690, 7.2131,
19.8474

■ 184.1950, 7.7919,
20.8770

■ 212.1950, 7.7919,

20.8770

■ 237.3900, 8.6817,
15.4440

■ 35.8200, 6.4977,
15.9439

■ 35.8200, 6.4977,
15.9439

■ 32.7710, 7.5079,
18.6178

■ 38.8690, 5.4876,
13.2699

■ 29.1350, 8.8074,
21.8066

■ 42.5050, 4.1880,
10.0811

■ 26.0860, 9.8176,
24.4806

■ 45.5540, 3.1779,
7.4071

■ 22.4500, 11.1172,
27.6694

■ 49.1900, 1.8783,
4.2184

■ 21.2760, 11.6959,
28.6989

■ 52.1250, 0.4314,
1.6444

■ 55.1740, -0.5788,
-1.0296

■ 58.8100, -1.8783,
-4.2184

■ 61.8590, -2.8885,
-6.8923

■ 65.4950, -4.1880,
-10.0811

Harmonies

Analogous

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



35.5130, 12.0721, 1.3041



35.8200, 6.4977, 15.9439



34.7410, -0.3653, 23.9061

Triad

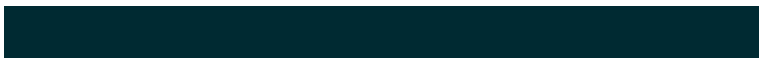
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.8200, 6.4977, 15.9439



32.8150, -16.1778, 8.9322



30.3540, 9.6855, -26.6205

Complementary

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



35.8200, 6.4977, 15.9439



42.1800, -6.4977, -15.9439

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.



28.7580, 3.5703, -25.2208



35.8200, 6.4977, 15.9439



30.7210, -13.6665, -3.2633

Square

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



35.8200, 6.4977, 15.9439



33.5110, -15.0419, 17.9689



27.5430, -3.7187, -20.6472



30.4340, 15.0690, -26.6906

Rectangle

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



35.8200, 6.4977, 15.9439



34.1880, -5.0227, 24.3911



27.5430, -3.7187, -20.6472



29.8980, 7.9383, -26.2205

Sweetspot

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



35.8200, 6.4977, 15.9439



63.7280, 2.5991, 6.3775



28.9150, 12.3669, 0.0745



31.7770, 1.5889, 3.7036



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.



35.8200, 6.4977, 15.9439



42.4990, 10.1070, 24.9954



34.1100, -0.0542, 17.4435



26.2390, 0.8682, 1.5444



36.1720, 19.6352, 48.9612



86.3430, 47.6519, 116.3402

Inverse Universe

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



35.8200, 6.4977, 15.9439



42.4990, 10.1070, 24.9954



43.8900, 0.0542, -17.4435



26.2390, 0.8682, 1.5444



36.1720, 19.6352, 48.9612



86.3430, 47.6519, 116.3402

Previews

White Background



This preview shows how the YUV color 35.8200, 6.4977, 15.9439 looks on a white background.

Color Contrast Check

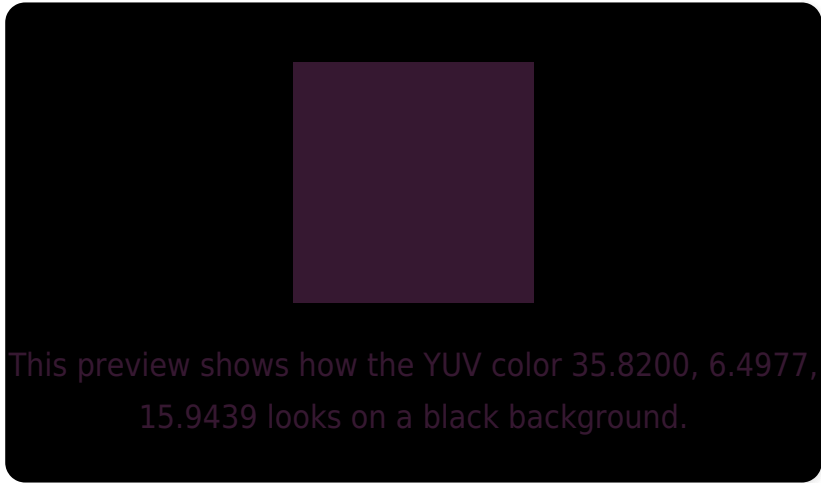
Large Text (above 18pt) WCAG AA ✓ Pass

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

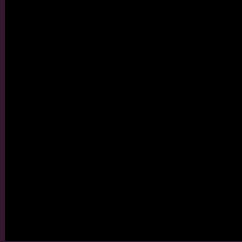
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.8200, 6.4977, 15.9439

Background



This preview shows how black text looks on a background with the YUV color 35.8200, 6.4977, 15.9439.



This preview shows how white text looks on a background with the YUV color 35.8200, 6.4977,

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

35.8200, 6.4977, 15.9439

Protanopia

34.9310, 11.3730, -7.8325

Deuteranopia

35.7700, 5.5364, -2.4293



Tritanopia

36.1050, -2.5168, 13.9399

Trichromacy



Original Color

35.8200, 6.4977, 15.9439

Protanomaly

35.2310, 9.7461, 0.6744

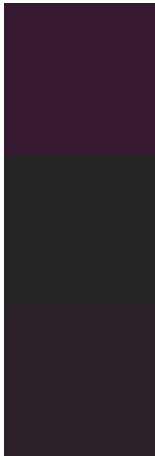
Deuteranomaly

35.9280, 5.9515, 4.4481

Tritanomaly

36.0280, 0.9722, 14.8844

Monochromacy



Original Color

35.8200, 6.4977, 15.9439

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.3150, 2.3097, 5.8627

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.8200, 6.4977, 15.9439 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(54, 24, 49)` looks like.

```
.text, #text, p{  
    color:rgb(54, 24, 49)  
}
```

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(54, 24, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 24, 49) }
```

Border

The CSS property to change the border of an element to YUV 35.8200, 6.4977, 15.9439 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(54, 24, 49) }
```


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

```
.border{ border-color:rgb(54, 24, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 24, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 24, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 24, 49);  
box-shadow:4px 4px 4px 4px rgb(54, 24, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.8200, 6.4977, 15.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 24, 49) }
```

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

```
.background{ background-color: rgb(54, 24,  
49) }
```

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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