

Converting Colors

YUV(34.1310, 21.6274, 16.5481)

Have a look what the booklet for
YUV(34.1310, 21.6274, 16.5481)
contains.

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Color

**YUV(34.1310, 21.6274,
16.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	35104E
RGB	53, 16, 78
RGB Percent	21%, 6%, 31%
CMY	0.7922, 0.9373, 0.6941
CMYK	0.32, 0.79, 0.00, 0.69
HSL	276°, 66%, 18%
HSV	276°, 79%, 31%
XYZ	3.0286, 1.6775, 7.3719
YIQ	34.1310, 2.1500, 27.1260

Conversions

Conversions Part 2

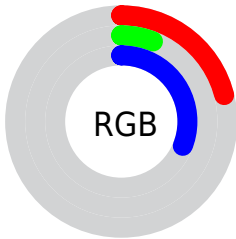
Format	Color
R_{YB}	53, 16, 78
Decimal	3477582
CIE Lab	13.69, 30.52, -30.32
CIE LCh	14, 43.019, 315.192
Yxy	1.6775, 0.2508, 0.1389
Android (android.graphics.Color)	4281667662 (0xFF35104E)
YUV	34.1310, 21.6274, 16.5481
Hunter-Lab	12.9519, 19.0740, -24.6799

Details

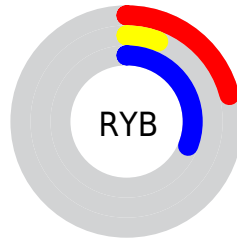
The YUV color **34.1310, 21.6274, 16.5481** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **59.8690, -21.6274, -16.5481**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.7830, 22.7850, 18.6073**, and **3.7620, 14.4143, -3.2993** is the 20% darker color. If you saturate the color by 10%, you get **28.5380, 24.3848, 18.8222**, and if you desaturate by 10%, it is **39.7240, 18.8701, 14.2741**.

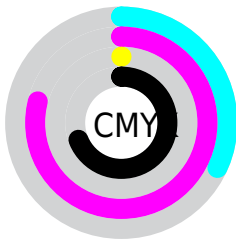
Distribution



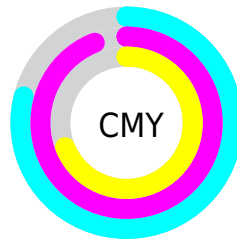
- Red (21%)
- Green (6%)
- Blue (31%)



- Red (21%)
- Yellow (6%)
- Blue (31%)



- Cyan (32%)
- Magenta (79%)
- Yellow (0%)
- Black (69%)



- Cyan (79%)
- Magenta (94%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.1310, 21.6274, 16.5481 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 34.1310, 21.6274, 16.5481 by changing the saturation by 10% instead.

■ 34.1310, 21.6274,
16.5481

■ 34.1310, 21.6274,
16.5481

■ 250.3040, 2.3151,
4.1184

■ 15.5390, 19.4543,
13.5593

■ 81.7830, 22.7850,
18.6073

■ 3.7620, 14.4143,
-3.2993

■ 106.3100, 23.5112,
19.0221

■ 0.5700, 2.1840,
-0.4999

■ 132.1360, 24.0900,
20.0517


■ 0.0000, 0.0000,
0.0000


■ 158.9620, 24.6687,
21.0813


■ 185.7880, 25.2475,
22.1109


■ 212.6480, 20.8795,


23.1107


 233.8680, 10.4181,
18.5328


 34.1310, 21.6274,
16.5481


 34.1310, 21.6274,
16.5481


 28.5380, 24.3848,
18.8222


 39.7240, 18.8701,
14.2741

 22.9450, 27.1421,
21.0962

 45.3170, 16.1127,
12.0000

 50.3230, 13.6448,
10.2407

 56.2150, 10.7400,
8.5814

 61.8080, 7.9827,
6.3074

■ 67.4010, 5.2253,
4.0333

■ 72.9940, 2.4680,
1.7593

■ 78.0000, 0.0000,
0.0000

■ 83.5930, -2.7573,
-2.2741

Harmonies

Analogous

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



30.6740, 31.2197, -26.9011



34.1310, 21.6274, 16.5481



29.4350, 10.6315, 43.4685

Triad

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



34.1310, 21.6274, 16.5481



33.4790, -16.5051, 20.6279



33.2890, 8.2385, -29.1945

Complementary

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



34.1310, 21.6274, 16.5481



59.8690, -21.6274, -16.5481

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.



29.0540, -5.4496, -25.4804



34.1310, 21.6274, 16.5481



31.5750, -15.5665, -0.5043

Square

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



34.1310, 21.6274, 16.5481



26.8330, -13.2287, 43.1195



25.8280, -12.7332, -22.6512



35.8940, 20.7583, -31.4790

Rectangle

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



34.1310, 21.6274, 16.5481



28.9490, 1.0111, 49.1567



25.8280, -12.7332, -22.6512



32.1490, 3.8705, -28.1947

Sweetspot

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



34.1310, 21.6274, 16.5481



84.9220, 8.4195, 6.2074



38.3300, 19.5573, -19.5834



40.4010, 5.2253, 4.0333



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.



34.1310, 21.6274, 16.5481



33.4000, 33.8198, 25.9592



41.0360, 15.7583, 32.4174



35.3530, 1.3050, 1.4444



29.8670, 35.5616, 27.3036



67.1830, 80.2688, 61.2295

Inverse Universe

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



37.3880, 1.7807, 35.6167



38.4490, 2.7366, 55.7342



52.9640, -15.7583, -32.4174



35.4240, 0.2840, 2.2592



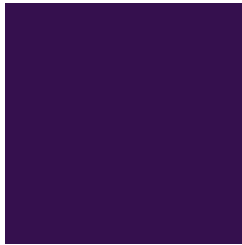
35.1720, 2.8732, 58.6082



79.3720, 6.7186, 132.1008

Previews

White Background



This preview shows how the YUV color 34.1310, 21.6274, 16.5481 looks on a white background.

Color Contrast Check

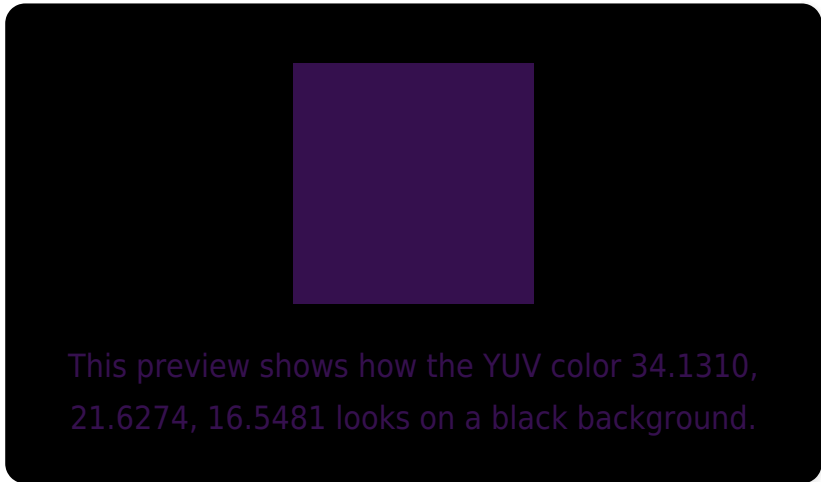
Large Text (above 18pt) WCAG AA ✓ Pass

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

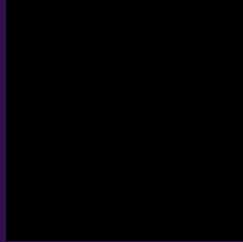
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.1310, 21.6274, 16.5481

Background



This preview shows how black text looks on a background with the YUV color 34.1310, 21.6274, 16.5481.



This preview shows how white text looks on a background with the YUV color 34.1310, 21.6274,

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

34.1310, 21.6274, 16.5481

Protanopia

28.9810, 22.1944, -25.4163

Deuteranopia

29.1290, 17.6844, -25.5461



Tritanopia

36.9300, -0.4585, 7.0774

Trichromacy



Original Color

34.1310, 21.6274, 16.5481

Protanomaly

30.6670, 21.8562, -10.2320

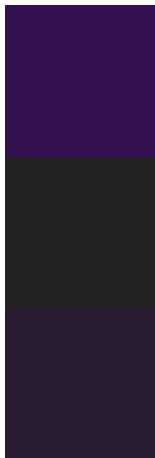
Deuteranomaly

30.6840, 19.3828, -10.2469

Tritanomaly

36.0150, 7.3876, 10.5108

Monochromacy



Original Color

34.1310, 21.6274, 16.5481

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8080, 7.9827, 6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.1310, 21.6274, 16.5481 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(53, 16, 78)` looks like.

```
.text, #text, p{  
    color:rgb(53, 16, 78)  
}
```

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(53, 16, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 16, 78) }
```

Border

The CSS property to change the border of an element to YUV 34.1310, 21.6274, 16.5481 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(53, 16, 78) }
```


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

```
.border{ border-color:rgb(53, 16, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 16, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 16, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 16, 78);  
box-shadow:4px 4px 4px 4px rgb(53, 16, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.1310, 21.6274, 16.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 16, 78) }
```

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

```
.background{ background-color: rgb(53, 16,  
78) }
```

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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