

Converting Colors

YUV(10.0540, 4.9034, 13.9846)

Have a look what the booklet for
YUV(10.0540, 4.9034, 13.9846)
contains.

| | |
|--|----|
| YUV(10.0540, 4.9034, 13.9846) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 30 |

Color

**YUV(10.0540, 4.9034,
13.9846)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 1A0014 |
| RGB | 26, 0, 20 |
| RGB Percent | 10%, 0%, 8% |
| CMY | 0.8980, 1.0000, 0.9216 |
| CMYK | 0.00, 1.00, 0.23, 0.90 |
| HSL | 314°, 100%, 5% |
| HSV | 314°, 100%, 10% |
| XYZ | 0.5523, 0.2701, 0.6849 |
| YIQ | 10.0540, 9.0760, 11.7320 |

Conversions

Conversions Part 2

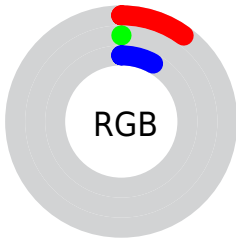
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 26, 0, 20 |
| Decimal | 1703956 |
| CIE Lab | 2.44, 12.11, -5.59 |
| CIE LCh | 2, 13.334, 335.219 |
| Yxy | 0.2701, 0.3664, 0.1792 |
| Android (android.graphics.Color) | 4279894036 (0xFF1A0014) |
| YUV | 10.0540, 4.9034, 13.9846 |
| Hunter-Lab | 5.1973, 9.8723, -4.1746 |

Details

The YUV color **10.0540, 4.9034, 13.9846** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **15.9460, -4.9034, -13.9846**, and the grayscale version is **10.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **54.9890, 3.4564, 11.4106**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.0540, 4.9034, 13.9846**, and if you desaturate by 10%, it is **11.9290, 4.4720, 12.3403**.

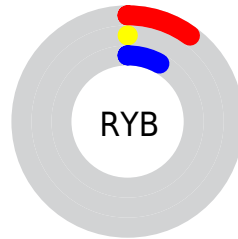
Distribution



Red (10%)

Green (0%)

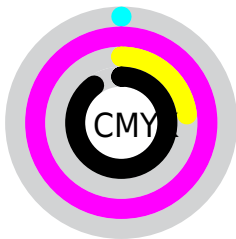
Blue (8%)



Red (10%)

Yellow (0%)

Blue (8%)

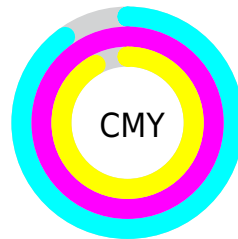


Cyan (0%)

Magenta (100%)

Yellow (23%)

Black (90%)



Cyan (90%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 10.0540, 4.9034, 13.9846 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 10.0540, 4.9034, 13.9846 by changing the saturation by 10% instead.

■ 10.0540, 4.9034,
13.9846

■ 10.0540, 4.9034,
13.9846

■ 235.8260, 4.0298,
14.1846

■ 0.0000, 0.0000,
0.0000

■ 54.9890, 3.4564,
11.4106

■ 77.9890, 3.4564,
11.4106

■ 102.4020, 3.7458,
11.9254

■ 127.1140, 3.8878,
13.0550


■ 153.1140, 3.8878,
13.0550


■ 180.4130, 3.7404,


13.6698


 207.8260, 4.0298,
14.1846


 10.0540, 4.9034,
13.9846

 11.9290, 4.4720,
12.3403

 13.1030, 3.8932,
11.3107

 14.9780, 3.4618,
9.6663

 16.1520, 2.8831,
8.6367

 18.0270, 2.4517,
6.9923

■ 19.9020, 2.0203,
5.3479

■ 21.0760, 1.4415,
4.3183

■ 22.9510, 1.0102,
2.6740

■ 24.1250, 0.4314,
1.6444

Harmonies

Analogous

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



9.9110, 8.4249, 4.4631



10.0540, 4.9034, 13.9846



10.0670, -1.5120, 18.3582

Triad

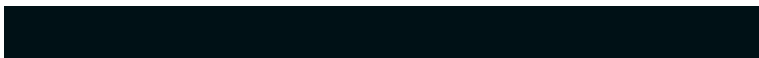
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.0540, 4.9034, 13.9846



8.5720, -4.2260, 2.1294



12.4870, 4.6899, -10.9511

Complementary

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



10.0540, 4.9034, 13.9846



15.9460, -4.9034, -13.9846

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.



10.6460, 0.1745, -9.3365



10.0540, 4.9034, 13.9846



8.2180, -4.0515, -7.2072

Square

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



10.0540, 4.9034, 13.9846



9.2250, -4.5479, 12.0807



9.3920, -4.6303, -8.2368



11.4100, 8.1789, -10.0066

Rectangle

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



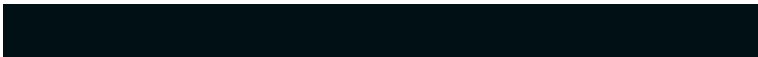
10.0540, 4.9034, 13.9846



9.2690, -4.5696, 19.0581



9.3920, -4.6303, -8.2368



11.6720, 4.1057, -10.2363

Sweetspot

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



10.0540, 4.9034, 13.9846



26.9020, 2.0203, 5.3479



4.7580, 10.4723, 1.0892



13.6630, 1.1521, 3.8035



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



10.0540, 4.9034, 13.9846



12.7170, 6.0555, 17.7882



8.5720, -0.7750, 15.2844



11.7120, 0.1420, 1.1296



29.7490, 14.4207, 41.4391



78.8940, 38.5063, 109.7180

Inverse Universe

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



10.0540, 4.9034, 13.9846



12.8310, 6.4923, 17.6882



17.4280, 0.7750, -15.2844



11.7120, 0.1420, 1.1296



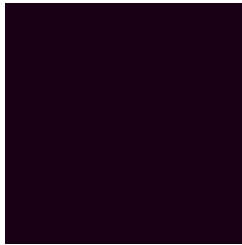
29.7490, 14.4207, 41.4391



78.8940, 38.5063, 109.7180

Previews

White Background



This preview shows how the YUV color 10.0540, 4.9034, 13.9846 looks on a white background.

Color Contrast Check

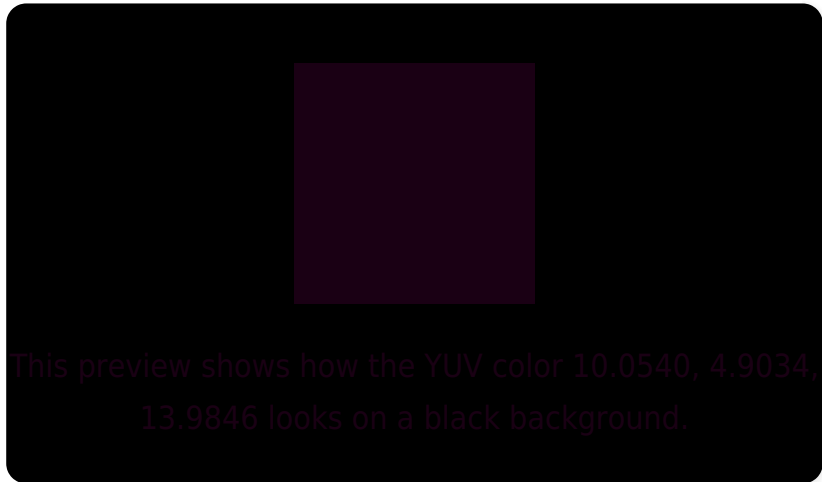
Large Text (above 18pt) WCAG AA ✓ Pass

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

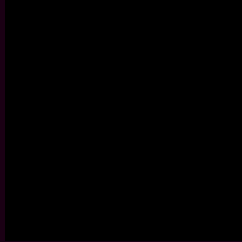
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 10.0540, 4.9034, 13.9846

Background



This preview shows how black text looks on a background with the YUV color 10.0540, 4.9034, 13.9846.



This preview shows how white text looks on a background with the YUV color 10.0540, 4.9034,

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



Protanopia

12.6060, 7.5892, -7.5475

Deuteranopia

14.2710, 2.3314, -1.1147

Tritanopia

13.0830, -2.5059, 10.4512

Trichromacy



Protanomaly

11.7210, 6.5465, 0.2447

Deuteranomaly

12.8310, 3.0413, 4.5332

Tritanomaly

11.7780, 0.1094, 11.5957

Monochromacy



Achromatopsia

10.0000, 0.0000, 0.0000

Achromatomaly

9.9020, 2.0203, 5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 10.0540, 4.9034, 13.9846 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(26, 0, 20)` looks like.

```
.text, #text, p{  
    color:rgb(26, 0, 20)  
}
```

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(26, 0, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 0, 20) }
```

Border

The CSS property to change the border of an element to YUV 10.0540, 4.9034, 13.9846 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(26, 0, 20) }
```

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

```
.border{ border-color:rgb(26, 0, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 0, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 0, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(26, 0, 20); box-shadow:4px  
4px 4px 4px rgb(26, 0, 20) }
```


Background

The CSS property to change the background color of an element to YUV 10.0540, 4.9034, 13.9846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 0, 20) }
```

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

```
.background{ background-color: rgb(26, 0,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor