

Converting Colors

YUV(14.4540, -5.1538, 19.7728)

Have a look what the booklet for
YUV(14.4540, -5.1538, 19.7728)
contains.

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Color

**YUV(14.4540, -5.1538,
19.7728)**

Conversions

Conversions Part 1	
Format	Color
Hex	250504
RGB	37, 5, 4
RGB Percent	15%, 2%, 2%
CMY	0.8549, 0.9804, 0.9843
CMYK	0.00, 0.86, 0.89, 0.85
HSL	2°, 80%, 8%
HSV	2°, 89%, 15%
XYZ	0.8391, 0.5106, 0.1692
YIQ	14.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

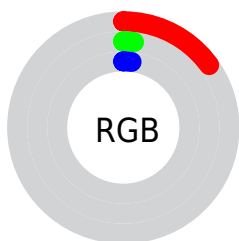
Format	Color
RYB	37, 5, 4
Decimal	2426116
CIELab	4.61, 14.49, 5.53
CIELCh	5, 15.513, 20.893
Yxy	0.5106, 0.5524, 0.3362
Android (android.graphics.Color)	4280616196 (0xFF250504)
YUV	14.4540, -5.1538, 19.7728
Hunter-Lab	7.1458, 8.4563, 3.5982

Details

The YUV color **14.4540, -5.1538, 19.7728** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **26.5460, 5.1538, -19.7728**, and the grayscale version is **14.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **59.6820, -4.2802, 19.5729**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.6500, -5.7434, 22.2320**, and if you desaturate by 10%, it is **17.2580, -4.5642, 17.3137**.

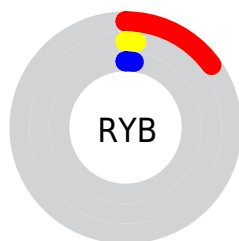
Distribution



Red (15%)

Green (2%)

Blue (2%)



Red (15%)

Yellow (2%)

Blue (2%)

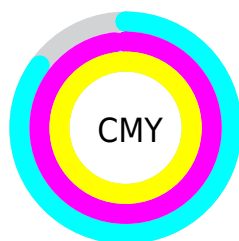


Cyan (0%)

Magenta (86%)

Yellow (89%)

Black (85%)



Cyan (85%)


Magenta (98%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the YUV color 14.4540, -5.1538, 19.7728 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 14.4540, -5.1538, 19.7728 by changing the saturation by 10% instead.


 14.4540, -5.1538,
19.7728

 14.4540, -5.1538,
19.7728


 237.3610, -4.1220,
15.4694

 0.0000, 0.0000,
0.0000

 59.6820, -4.2802,
19.5729

 82.8670, -4.8644,
20.2876


 107.4650, -5.1592,
21.5172


 133.0630, -5.4541,
22.7467


 158.6610, -5.7489,
23.9763


 185.9600, -5.8963,


24.5911


 214.1450, -6.4805,
25.3058


 14.4540, -5.1538,
19.7728


 14.4540, -5.1538,
19.7728


 11.6500, -5.7434,
22.2320

 17.2580, -4.5642,
17.3137

 19.3610, -4.1220,
15.4694

 22.1650, -3.5323,
13.0103

 24.3820, -2.6533,
11.0660

 27.1860, -2.0637,
8.6069

■ 29.8760, -1.9109,
6.2477

■ 32.0930, -1.0318,
4.3034

■ 34.8970, -0.4422,
1.8443

■ 37.0000, 0.0000,
0.0000

Harmonies

Analogous

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



15.3810, 2.2772, 16.3289



14.4540, -5.1538, 19.7728



14.8620, -7.3270, 16.7840

Triad

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



14.4540, -5.1538, 19.7728



12.3270, -6.0772, -10.8108



14.7840, 10.9525, -12.9656

Complementary

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



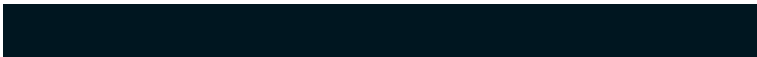
14.4540, -5.1538, 19.7728



26.5460, 5.1538, -19.7728

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.



16.5620, 7.6109, -14.5249



14.4540, -5.1538, 19.7728



14.6410, -2.2880, -12.8402

Square

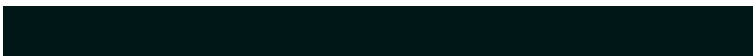
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.4540, -5.1538, 19.7728



13.8550, -6.8305, -2.5038



16.2370, 3.8272, -14.2398



15.9100, 9.9044, -3.4291

Rectangle

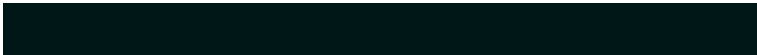
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.4540, -5.1538, 19.7728



15.4160, -7.6001, 11.0362



16.2370, 3.8272, -14.2398



15.8440, 9.9369, -13.8952

Sweetspot

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



14.4540, -5.1538, 19.7728



39.4740, -2.2057, 7.4773



17.5150, 9.1131, 17.0883



20.2780, -1.6161, 5.0182



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



14.4540, -5.1538, 19.7728



14.9390, -7.3649, 28.9945



23.8460, -9.7841, 11.5361



16.5980, -0.2948, 1.2296



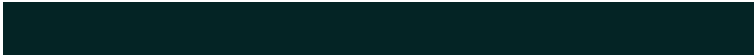
25.6920, -12.6662, 49.3821



66.0130, -32.5444, 125.3996

Inverse Universe

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



26.5460, 5.1538, -19.7728



33.0610, 7.3649, -28.9945



17.1540, 9.7841, -11.5361



17.4020, 0.2948, -1.2296



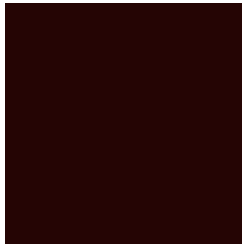
55.7210, 12.9555, -48.8673



142.9870, 32.5444, -125.3996

Previews

White Background



This preview shows how the YUV color 14.4540, -5.1538, 19.7728 looks on a white background.

Color Contrast Check

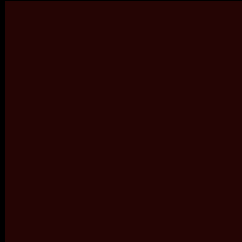
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 14.4540, -5.1538, 19.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

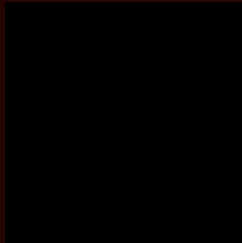
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 14.4540, -5.1538, 19.7728

Background



This preview shows how black text looks on a background with the YUV color 14.4540, -5.1538, 19.7728.

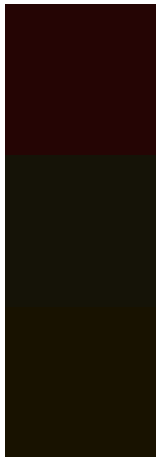


This preview shows how white text looks on a background with the YUV color 14.4540, -5.1538,

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

14.4540, -5.1538, 19.7728

Protanopia

18.2300, -5.5364, 2.4293

Deuteranopia

17.7420, -8.7468, 5.4883



Tritanopia

14.4540, -5.1538, 19.7728

Trichromacy



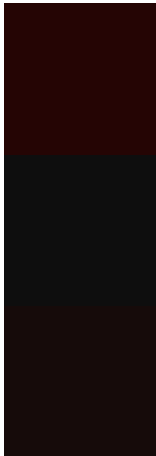
Original Color
14.4540, -5.1538, 19.7728

Protanomaly
16.9750, -5.4107, 8.7919

Deuteranomaly
16.4160, -7.6001, 11.0362

Tritanomaly
14.4540, -5.1538, 19.7728

Monochromacy



Original Color
14.4540, -5.1538, 19.7728

Achromatopsia
14.0000, 0.0000, 0.0000

Achromatomaly
14.1750, -2.0583, 6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.4540, -5.1538, 19.7728 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(37, 5, 4)` looks like.

```
.text, #text, p{  
    color:rgb(37, 5, 4)  
}
```

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(37, 5, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 5, 4) }
```

Border

The CSS property to change the border of an element to YUV 14.4540, -5.1538, 19.7728 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(37, 5, 4) }
```


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

```
.border{ border-color:rgb(37, 5, 4) }
```

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

Here you see how a box with a 4 pixel rgb(37, 5, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 5, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 5, 4); box-shadow:4px  
4px 4px 4px rgb(37, 5, 4) }
```

Background

The CSS property to change the background color of an element to YUV 14.4540, -5.1538, 19.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 5, 4) }
```

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

```
.background{ background-color: rgb(37, 5,  
4) }
```

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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