

Converting Colors

YUV(24.1510, -5.4974, 36.7016)

Have a look what the booklet for
YUV(24.1510, -5.4974, 36.7016)
contains.

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Color

**YUV(24.1510, -5.4974,
36.7016)**

Conversions

Conversions Part 1

Format	Color
Hex	42050D
RGB	66, 5, 13
RGB Percent	26%, 2%, 5%
CMY	0.7412, 0.9804, 0.9490
CMYK	0.00, 0.92, 0.80, 0.74
HSL	352°, 86%, 14%
HSV	352°, 92%, 26%
XYZ	2.3737, 1.2959, 0.5058
YIQ	24.1510, 33.7880, 15.4200

Conversions

Conversions Part 2

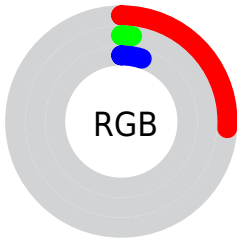
Format	Color
R_{YB}	66, 5, 13
Decimal	4326669
CIE _{Lab}	11.25, 28.71, 12.16
CIE _{LCh}	11, 31.176, 22.949
Yxy	1.2959, 0.5685, 0.3104
Android (android.graphics.Color)	4282516749 (0xFF42050D)
YUV	24.1510, -5.4974, 36.7016
Hunter-Lab	11.3835, 17.2994, 5.3341

Details

The YUV color **24.1510, -5.4974, 36.7016** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **46.8490, 5.4974, -36.7016**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.7770, -8.2711, 39.6606**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.7600, -5.7977, 39.6755**, and if you desaturate by 10%, it is **28.9440, -4.9024, 32.4981**.

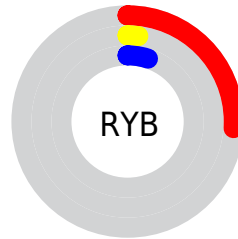
Distribution



Red (26%)

Green (2%)

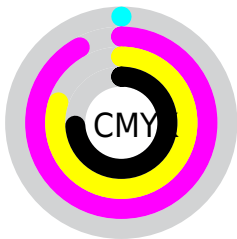
Blue (5%)



Red (26%)

Yellow (2%)

Blue (5%)

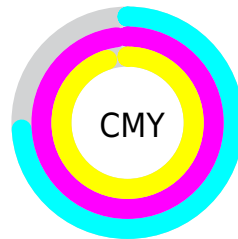


Cyan (0%)

Magenta (92%)

Yellow (80%)

Black (74%)



Cyan (74%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.1510, -5.4974, 36.7016 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 24.1510, -5.4974, 36.7016 by changing the saturation by 10% instead.

■ 24.1510, -5.4974,
36.7016

■ 24.1510, -5.4974,
36.7016

■ 242.8550, -3.3795,
10.6512

■ 13.2700, -6.0491,
26.9502

■ 72.7770, -8.2711,
39.6606

■ 0.0000, 0.0000,
0.0000

■ 97.8590, -9.2975,
42.2197

■ 123.6420,
-10.1765, 44.1640

■ 150.1260,
-10.9081, 45.4935

■ 177.0230,
-11.3503, 47.3378

■ 203.0120,

-11.3449, 45.5935

■ 222.6400, -7.2175,
28.3797

■ 24.1510, -5.4974,
36.7016

■ 24.1510, -5.4974,
36.7016

■ 20.7600, -5.7977,
39.6755

■ 28.9440, -4.9024,
32.4981

■ 33.0360, -4.4547,
28.9094

■ 37.8290, -3.8597,
24.7060

■ 42.0350, -2.9753,
21.0173

■ 46.8280, -2.3802,
16.8138

■ 51.5070, -2.2220,
12.7104

■ 55.7130, -1.3375,
9.0217

■ 60.5060, -0.7425,
4.8182

■ 64.7120, 0.1420,
1.1296

Harmonies

Analogous

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



25.0010, 5.4225, 34.2021



24.1510, -5.4974, 36.7016



27.3210, -13.4693, 26.9055

Triad

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



24.1510, -5.4974, 36.7016



21.7190, -10.7075, -19.0476



28.2800, 22.0470, -24.8016

Complementary

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



24.1510, -5.4974, 36.7016



46.8490, 5.4974, -36.7016

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.



29.6020, 16.9582, -25.9610



24.1510, -5.4974, 36.7016



25.6290, -0.8031, -22.4766

Square

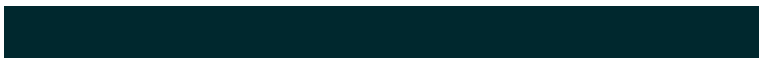
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.1510, -5.4974, 36.7016



26.8350, -13.2297, -3.3633



28.7240, 8.5171, -25.1909



28.0150, 20.6986, -12.2912

Rectangle

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



24.1510, -5.4974, 36.7016



28.4400, -14.0209, 17.1541



28.7240, 8.5171, -25.1909



29.2260, 20.5946, -25.6312

Sweetspot

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



24.1510, -5.4974, 36.7016



69.9310, -1.9380, 14.9695



27.8010, 18.8321, 26.4845



33.4140, -1.1901, 8.4069



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



24.1510, -5.4974, 36.7016



27.2670, -8.0196, 52.3858



36.1530, -15.3584, 26.1758



30.8970, -0.4422, 1.8443



30.4850, -8.6201, 58.3337



70.2820, -20.3520, 134.8107

Inverse Universe

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



24.1510, -5.4974, 36.7016



27.2670, -8.0196, 52.3858



34.8470, 15.3584, -26.1758



30.8970, -0.4422, 1.8443



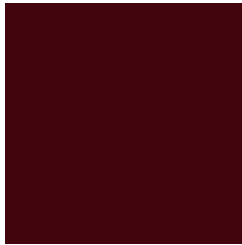
30.4850, -8.6201, 58.3337



70.2820, -20.3520, 134.8107

Previews

White Background



This preview shows how the YUV color 24.1510, -5.4974, 36.7016 looks on a white background.

Color Contrast Check

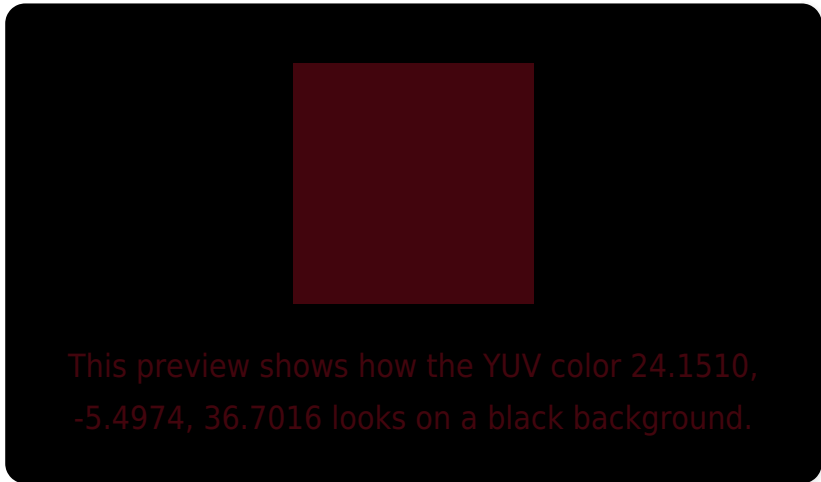
Large Text (above 18pt) WCAG AA ✓ Pass

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

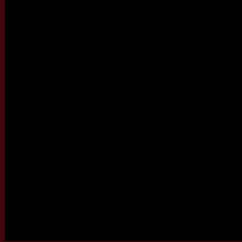
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.1510, -5.4974, 36.7016

Background



This preview shows how black text looks on a background with the YUV color 24.1510, -5.4974, 36.7016.

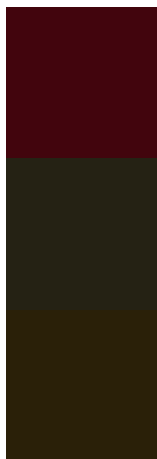


This preview shows how white text looks on a background with the YUV color 24.1510, -5.4974,

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

24.1510, -5.4974, 36.7016

Protanopia

33.3010, -6.5574, 3.2440

Deuteranopia

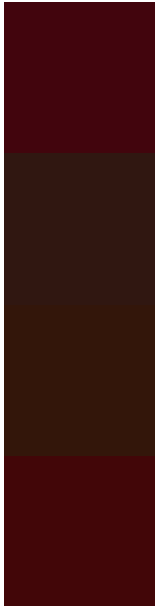
32.2540, -11.9572, 8.5472



Tritanopia

24.4130, -9.5706, 36.4718

Trichromacy



Original Color

24.1510, -5.4974, 36.7016

Protanomaly

29.7910, -6.3060, 15.9693

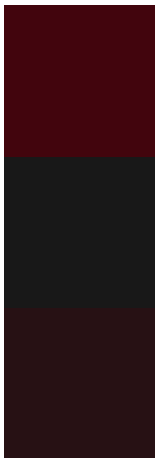
Deuteranomaly

29.3030, -9.5164, 19.0283

Tritanomaly

24.1680, -7.9708, 36.6867

Monochromacy



Original Color

24.1510, -5.4974, 36.7016

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9200, -1.9326, 13.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.1510, -5.4974, 36.7016 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(66, 5, 13)` looks like.

```
.text, #text, p{  
    color:rgb(66, 5, 13)  
}
```

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(66, 5, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 5, 13) }
```

Border

The CSS property to change the border of an element to YUV 24.1510, -5.4974, 36.7016 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(66, 5, 13) }
```


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

```
.border{ border-color:rgb(66, 5, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 5, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 5, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 5, 13); box-shadow:4px  
4px 4px 4px rgb(66, 5, 13) }
```

Background

The CSS property to change the background color of an element to YUV 24.1510, -5.4974, 36.7016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 5, 13) }
```

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

```
.background{ background-color: rgb(66, 5,  
13) }
```

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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