

Converting Colors

YUV(25.0640, -10.3846,
17.4839)

Have a look what the booklet for
YUV(25.0640, -10.3846, 17.4839)
contains.

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Color

**YUV(25.0640, -10.3846,
17.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	2D1304
RGB	45, 19, 4
RGB Percent	18%, 7%, 2%
CMY	0.8235, 0.9255, 0.9843
CMYK	0.00, 0.58, 0.91, 0.82
HSL	22°, 84%, 10%
HSV	22°, 91%, 18%
XYZ	1.3370, 1.0324, 0.2437
YIQ	25.0640, 20.3110, 0.8470

Conversions

Conversions Part 2

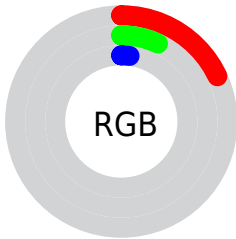
Format	Color
R_{YB}	45, 28, 4
Decimal	2953988
CIE _{Lab}	9.26, 11.82, 12.48
CIE _{LCh}	9, 17.191, 46.539
Yxy	1.0324, 0.5117, 0.3951
Android (android.graphics.Color)	4281144068 (0xFF2D1304)
YUV	25.0640, -10.3846, 17.4839
Hunter-Lab	10.1607, 5.7063, 5.6906

Details

The YUV color **25.0640, -10.3846, 17.4839** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.9360, 10.3846, -17.4839**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.6020, -9.6638, 19.6430**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.8470, -11.2636, 19.4282**, and if you desaturate by 10%, it is **27.3950, -9.0687, 15.4396**.

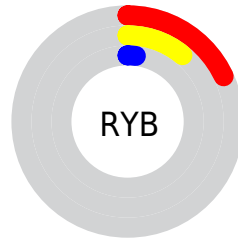
Distribution



Red (18%)

Green (7%)

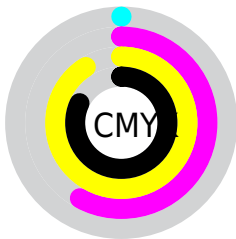
Blue (2%)



Red (18%)

Yellow (11%)

Blue (2%)

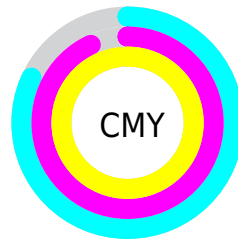


Cyan (0%)

Magenta (58%)

Yellow (91%)

Black (82%)



Cyan (82%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0640, -10.3846, 17.4839 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 25.0640, -10.3846, 17.4839 by changing the saturation by 10% instead.

■ 25.0640, -10.3846,
17.4839

■ 25.0640, -10.3846,
17.4839

■ 245.5790, -8.1734,
8.2622

■ 5.9800, -2.9481,
12.2955

■ 69.6020, -9.6638,
19.6430

■ 0.0000, 0.0000,
0.0000

■ 93.4990, -10.1060,
21.4874


■ 118.0970,
-10.4008, 22.7169


■ 144.1680,
-11.4218, 23.5317


■ 170.7660,
-11.7166, 24.7612


■ 198.0650,


-11.8640, 25.3760


 225.9510,
-12.3008, 25.4760


 25.0640, -10.3846,
17.4839


 25.0640, -10.3846,
17.4839


 22.8470, -11.2636,
19.4282

 27.3950, -9.0687,
15.4396

 29.6120, -8.1897,
13.4953

 31.8290, -7.3107,
11.5510

 33.5730, -5.7055,
10.0215

 35.7900, -4.8265,
8.0772

■ 38.1210, -3.5107,
6.0329

■ 40.4520, -2.1948,
3.9886

■ 42.6690, -1.3158,
2.0443

■ 45.0000, 0.0000,
0.0000

Harmonies

Analogous

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



25.7250, -2.8224, 18.6582



25.0640, -10.3846, 17.4839



24.8630, -12.2575, 11.5211

Triad

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



25.0640, -10.3846, 17.4839



21.0640, -0.5246, -18.4731



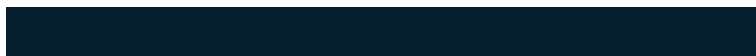
25.2300, 11.2256, -7.2177

Complementary

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



25.0640, -10.3846, 17.4839



23.9360, 10.3846, -17.4839

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.



22.4950, 12.5740, -19.7281



25.0640, -10.3846, 17.4839



22.4320, 4.7170, -19.6729

Square

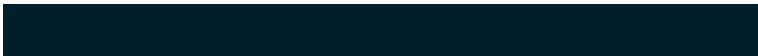
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.0640, -10.3846, 17.4839



22.2520, -8.9982, -7.2370



22.9850, 9.3744, -20.1578



26.9930, 7.3985, 7.0221

Rectangle

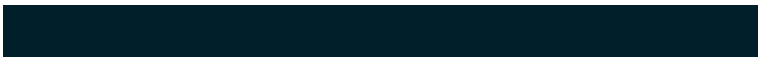
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.0640, -10.3846, 17.4839



24.8300, -12.2412, 6.2881



22.9850, 9.3744, -20.1578



23.2400, 12.6997, -13.3655

Sweetspot

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



25.0640, -10.3846, 17.4839



51.3060, -4.0949, 6.7476



19.3370, 5.7499, 22.5065



25.7510, -2.3422, 4.6034



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



25.0640, -10.3846, 17.4839



29.9680, -14.7742, 25.4611



36.8040, -16.1724, 7.1879



21.5980, -0.2948, 1.2296



44.7970, -22.0849, 37.0120



109.7720, -54.1176, 91.4080

Inverse Universe

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



23.9360, 10.3846, -17.4839



28.4450, 15.0636, -24.9463



12.1960, 16.1724, -7.1879



21.8150, 0.5842, -0.7148



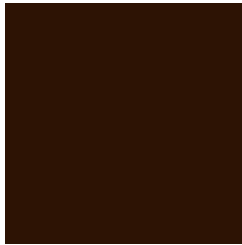
42.2030, 22.0849, -37.0120



104.2280, 54.1176, -91.4080

Previews

White Background



This preview shows how the YUV color 25.0640, -10.3846, 17.4839 looks on a white background.

Color Contrast Check

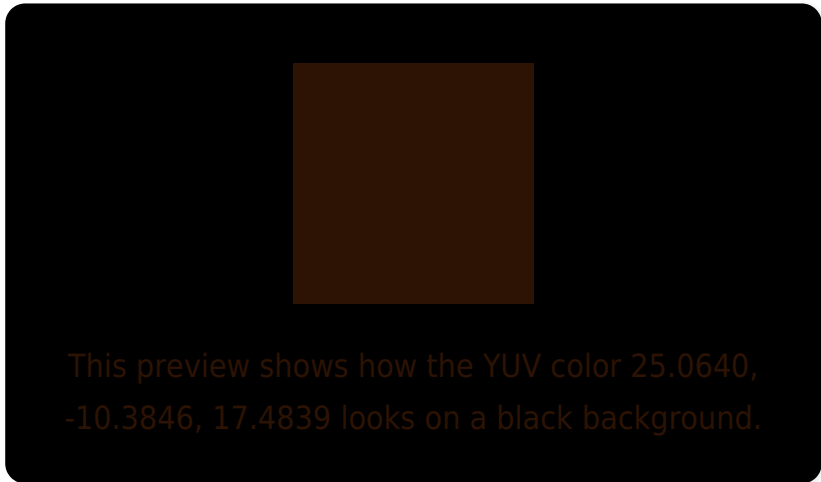
Large Text (above 18pt) WCAG AA ✓ Pass

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

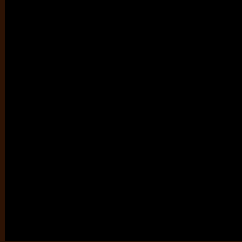
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.0640, -10.3846, 17.4839

Background



This preview shows how black text looks on a background with the YUV color 25.0640, -10.3846, 17.4839.

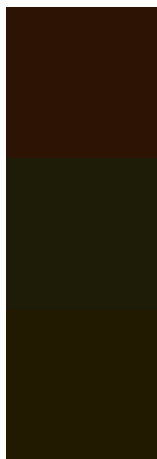


This preview shows how white text looks on a background with the YUV color 25.0640, -10.3846,

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

25.0640, -10.3846, 17.4839

Protanopia

25.5030, -9.6150, 3.9439

Deuteranopia

25.4280, -12.5360, 7.5176



Tritanopia

26.1870, -3.5432, 16.4990

Trichromacy



Original Color

25.0640, -10.3846, 17.4839

Protanomaly

25.1230, -9.9206, 8.6621

Deuteranomaly

24.9770, -11.8207, 11.4212

Tritanomaly

25.6170, -5.7272, 16.9989

Monochromacy



Original Color

25.0640, -10.3846, 17.4839

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0640, -10.3846, 17.4839 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(45, 19, 4)` looks like.

```
.text, #text, p{  
    color:rgb(45, 19, 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(45, 19, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 19, 4) }
```

Border

The CSS property to change the border of an element to YUV 25.0640, -10.3846, 17.4839 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(45, 19, 4) }
```


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

```
.border{ border-color:rgb(45, 19, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 19, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 19, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(45, 19, 4); box-shadow:4px  
4px 4px 4px rgb(45, 19, 4) }
```

Background

The CSS property to change the background color of an element to YUV 25.0640, -10.3846, 17.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 19, 4) }
```

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

```
.background{ background-color: rgb(45, 19,  
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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