

Converting Colors

YUV(25.8770, -3.3904, 14.1399)

Have a look what the booklet for
YUV(25.8770, -3.3904, 14.1399)
contains.

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Color

**YUV(25.8770, -3.3904,
14.1399)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1313
RGB	42, 19, 19
RGB Percent	16%, 7%, 7%
CMY	0.8353, 0.9255, 0.9255
CMYK	0.00, 0.55, 0.55, 0.84
HSL	0°, 38%, 12%
HSV	0°, 55%, 16%
XYZ	1.3053, 1.0050, 0.7413
YIQ	25.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

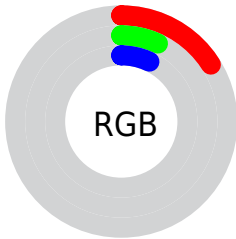
Format	Color
RYB	42, 19, 19
Decimal	2757395
CIELab	9.03, 11.83, 4.97
CIElCh	9, 12.836, 22.786
Yxy	1.0050, 0.4277, 0.3293
Android (android.graphics.Color)	4280947475 (0xFF2A1313)
YUV	25.8770, -3.3904, 14.1399
Hunter-Lab	10.0250, 5.6971, 2.6334

Details

The YUV color **25.8770, -3.3904, 14.1399** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **35.1230, 3.3904, -14.1399**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.9590, -4.4168, 16.6990**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.0730, -3.9800, 16.5990**, and if you desaturate by 10%, it is **28.6810, -2.8007, 11.6808**.

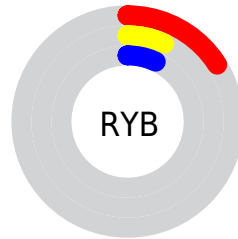
Distribution



Red (16%)

Green (7%)

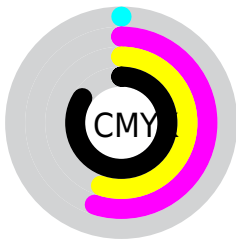
Blue (7%)



Red (16%)

Yellow (7%)

Blue (7%)

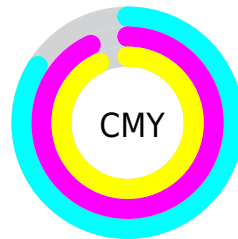


Cyan (0%)

Magenta (55%)

Yellow (55%)

Black (84%)



Cyan (84%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.8770, -3.3904, 14.1399 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 25.8770, -3.3904, 14.1399 by changing the saturation by 10% instead.

■ 25.8770, -3.3904,
14.1399

■ 25.8770, -3.3904,
14.1399

■ 247.1750, -2.0583,
6.8625

■ 5.3820, -2.6533,
11.0660

■ 69.9590, -4.4168,
16.6990

■ 0.0000, 0.0000,
0.0000

■ 93.5570, -4.7116,
17.9285

■ 117.9700, -4.4222,
18.4433

■ 144.1550, -5.0064,
19.1581

■ 170.4540, -5.1538,
19.7728

■ 198.0520, -5.4486,

21.0024

■ 226.0520, -5.4486,
21.0024

■ 25.8770, -3.3904,
14.1399

■ 25.8770, -3.3904,
14.1399

■ 23.0730, -3.9800,
16.5990

■ 28.6810, -2.8007,
11.6808

■ 20.2690, -4.5696,
19.0581

■ 31.4850, -2.2111,
9.2217

■ 16.7640, -5.3067,
22.1320

■ 34.9900, -1.4741,
6.1478

■ 13.9600, -5.8963,
24.5911

■ 37.7940, -0.8844,
3.6887

■ 12.5580, -6.1911,
25.8206

■ 40.5980, -0.2948,
1.2296

■ 43.4020, 0.2948,
-1.2296

■ 46.2060, 0.8844,
-3.6887

■ 49.7110, 1.6215,
-6.7625

■ 52.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



26.6040, 0.6882, 12.6253



25.8770, -3.3904, 14.1399



25.1990, -8.4791, 12.9805

Triad

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



25.8770, -3.3904, 14.1399



22.6910, -4.7777, -7.6220



23.0290, 9.3527, -13.1804

Complementary

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



25.8770, -3.3904, 14.1399



35.1230, 3.3904, -14.1399

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.



21.4690, 8.6428, -18.8283



25.8770, -3.3904, 14.1399



20.5310, 1.2172, -17.1287

Square

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



25.8770, -3.3904, 14.1399



24.0790, -9.8989, 1.6847



21.2580, 5.2958, -18.6433



25.6390, 7.5730, -2.3144

Rectangle

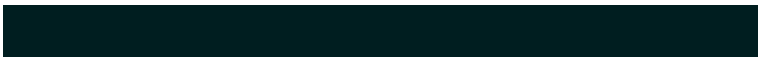
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.8770, -3.3904, 14.1399



24.6070, -10.6523, 9.9917



21.2580, 5.2958, -18.6433



22.1210, 9.8003, -16.7691

Sweetspot

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



25.8770, -3.3904, 14.1399



47.6910, -1.3267, 5.5330



28.4990, 6.6560, 11.8404



24.4950, -0.7370, 3.0739



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



25.8770, -3.3904, 14.1399



28.7640, -5.3067, 22.1320



32.3340, -6.5737, 8.4771



18.5980, -0.2948, 1.2296



25.1160, -12.3822, 51.6413



63.3880, -31.2503, 130.3327

Inverse Universe

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



35.1230, 3.3904, -14.1399



43.2360, 5.3067, -22.1320



28.0790, 6.8631, -7.9623



19.4020, 0.2948, -1.2296



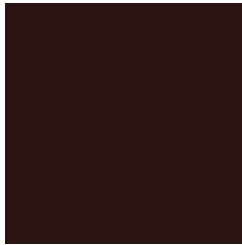
58.8840, 12.3822, -51.6413



148.6120, 31.2503, -130.3327

Previews

White Background



This preview shows how the YUV color 25.8770, -3.3904, 14.1399 looks on a white background.

Color Contrast Check

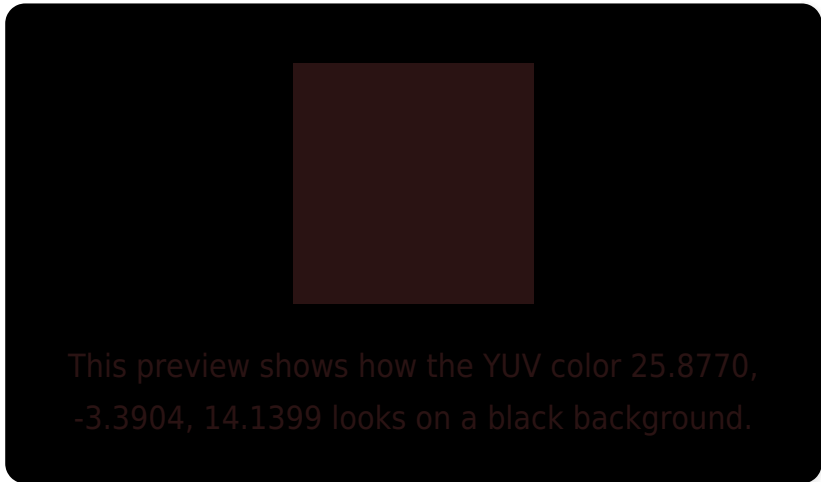
Large Text (above 18pt) WCAG AA ✓ Pass

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

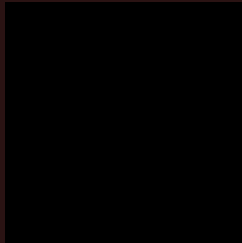
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.8770, -3.3904, 14.1399

Background



This preview shows how black text looks on a background with the YUV color 25.8770, -3.3904, 14.1399.



This preview shows how white text looks on a background with the YUV color 25.8770, -3.3904,

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

25.8770, -3.3904, 14.1399

Protanopia

26.1420, -2.0420, 1.6295

Deuteranopia

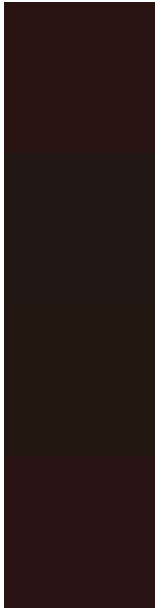
25.9960, -3.9420, 4.3885



Tritanopia

25.9910, -2.9536, 14.0399

Trichromacy



Original Color

25.8770, -3.3904, 14.1399

Protanomaly

25.7620, -2.3477, 6.3477

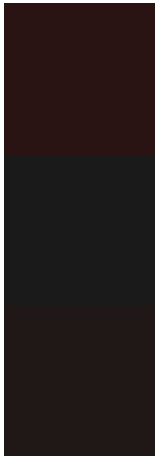
Deuteranomaly

26.0180, -3.9529, 7.8772

Tritanomaly

25.9910, -2.9536, 14.0399

Monochromacy



Original Color

25.8770, -3.3904, 14.1399

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.6910, -1.3267, 5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.8770, -3.3904, 14.1399 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(42, 19, 19)` looks like.

```
.text, #text, p{  
    color:rgb(42, 19, 19)  
}
```

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(42, 19, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 19, 19) }
```

Border

The CSS property to change the border of an element to YUV 25.8770, -3.3904, 14.1399 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(42, 19, 19) }
```


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

```
.border{ border-color:rgb(42, 19, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 19, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 19, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 19, 19);  
box-shadow:4px 4px 4px 4px rgb(42, 19, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.8770, -3.3904, 14.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 19, 19) }
```

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

```
.background{ background-color: rgb(42, 19,  
19) }
```

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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