

Converting Colors

YUV(25.8830, -5.8583, 12.3806)

Have a look what the booklet for
YUV(25.8830, -5.8583, 12.3806)
contains.

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Color

**YUV(25.8830, -5.8583,
12.3806)**

Conversions

Conversions Part 1

Format	Color
Hex	28150E
RGB	40, 21, 14
RGB Percent	16%, 8%, 5%
CMY	0.8431, 0.9176, 0.9451
CMYK	0.00, 0.47, 0.65, 0.84
HSL	16°, 48%, 11%
HSV	16°, 65%, 16%
XYZ	1.2225, 1.0192, 0.5477
YIQ	25.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

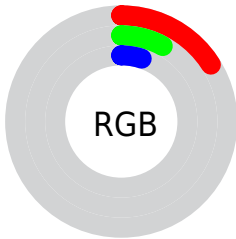
Format	Color
RYB	40, 24, 14
Decimal	2626830
CIELab	9.15, 8.74, 7.94
CIELCh	9, 11.812, 42.244
Yxy	1.0192, 0.4383, 0.3654
Android (android.graphics.Color)	4280816910 (0xFF28150E)
YUV	25.8830, -5.8583, 12.3806
Hunter-Lab	10.0953, 3.9489, 3.8498

Details

The YUV color **25.8830, -5.8583, 12.3806** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **28.1170, 5.8583, -12.3806**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.7800, -6.3005, 14.2249**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.6660, -6.7373, 14.3249**, and if you desaturate by 10%, it is **28.1000, -4.9793, 10.4363**.

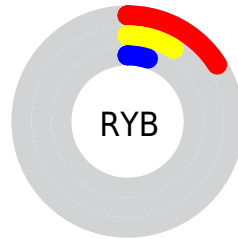
Distribution



Red (16%)

Green (8%)

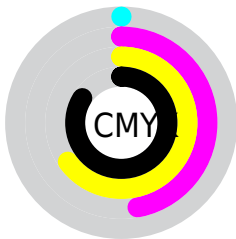
Blue (5%)



Red (16%)

Yellow (9%)

Blue (5%)

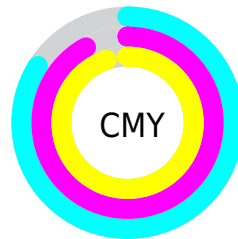


Cyan (0%)

Magenta (47%)

Yellow (65%)

Black (84%)



Cyan (84%)

Magenta (92%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.8830, -5.8583, 12.3806 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 25.8830, -5.8583, 12.3806 by changing the saturation by 10% instead.

■ 25.8830, -5.8583,
12.3806

■ 25.8830, -5.8583,
12.3806

■ 247.7790, -4.8210,
6.3328

■ 3.8870, -1.9163,
7.9921

■ 69.7800, -6.3005,
14.2249

■ 0.0000, 0.0000,
0.0000

■ 93.3780, -6.5954,
15.4545

■ 117.9760, -6.8902,
16.6840

■ 143.8620, -7.3270,
16.7840

■ 170.1610, -7.4744,
17.3988

■ 197.4600, -7.6218,

18.0136

■ 225.6450, -8.2060,
18.7283

■ 25.8830, -5.8583,
12.3806

■ 25.8830, -5.8583,
12.3806

■ 23.6660, -6.7373,
14.3249

■ 28.1000, -4.9793,
10.4363

■ 21.4490, -7.6164,
16.2692

■ 30.3170, -4.1003,
8.4920

■ 19.2320, -8.4954,
18.2135

■ 32.5340, -3.2213,
6.5477

■ 18.4170, -9.0796,
18.9283

■ 34.7510, -2.3422,
4.6034

■ 36.9680, -1.4632,
2.6591

■ 39.1850, -0.5842,
0.7148

■ 40.8150, 0.5842,
-0.7148

■ 43.0320, 1.4632,
-2.6591

■ 45.2490, 2.3422,
-4.6034

Harmonies

Analogous

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



26.6210, -1.7852, 12.6104



25.8830, -5.8583, 12.3806



25.5360, -9.6312, 9.1769

Triad

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



25.8830, -5.8583, 12.3806



22.3960, -0.6882, -12.6253



25.0300, 7.8732, -5.2883

Complementary

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



25.8830, -5.8583, 12.3806



28.1170, 5.8583, -12.3806

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.



22.6050, 9.0687, -15.4396



25.8830, -5.8583, 12.3806



20.9160, 3.9854, -18.3433

Square

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



25.8830, -5.8583, 12.3806



23.7840, -5.8095, -3.3186



21.1270, 7.3324, -18.5284



27.1020, 5.3727, 3.4185

Rectangle

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



25.8830, -5.8583, 12.3806



24.5140, -9.6204, 5.6882



21.1270, 7.3324, -18.5284



24.4210, 8.1734, -8.2622

Sweetspot

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



25.8830, -5.8583, 12.3806



45.7510, -2.3422, 4.6034



23.9400, 4.4666, 14.0846



22.2670, -1.6106, 3.2738



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.



25.8830, -5.8583, 12.3806



29.4170, -9.0796, 18.9283



33.5140, -9.6204, 5.6882



19.1850, -0.5842, 0.7148



38.6170, -19.0382, 39.8009



96.8470, -47.7456, 100.9892

Inverse Universe

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



28.1170, 5.8583, -12.3806



32.5830, 9.0796, -18.9283



20.4860, 9.6204, -5.6882



19.4020, 0.2948, -1.2296



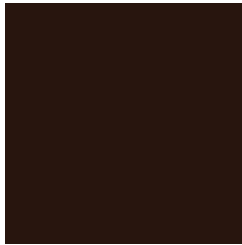
45.3830, 19.0382, -39.8009



115.1530, 47.7456, -100.9892

Previews

White Background



This preview shows how the YUV color 25.8830, -5.8583, 12.3806 looks on a white background.

Color Contrast Check

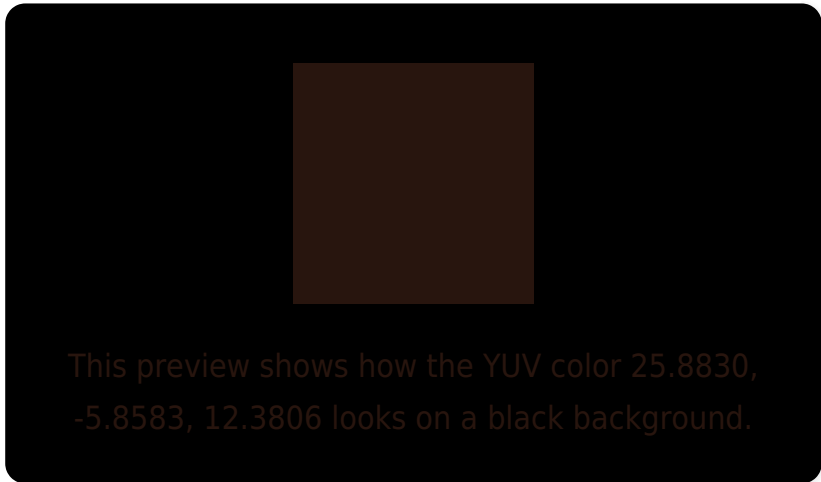
Large Text (above 18pt) WCAG AA ✓ Pass

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

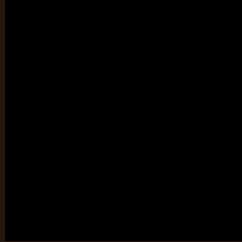
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.8830, -5.8583, 12.3806

Background



This preview shows how black text looks on a background with the YUV color 25.8830, -5.8583, 12.3806.



This preview shows how white text looks on a background with the YUV color 25.8830, -5.8583,

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

25.8830, -5.8583, 12.3806

Protanopia

25.7570, -4.8102, 2.8441

Deuteranopia

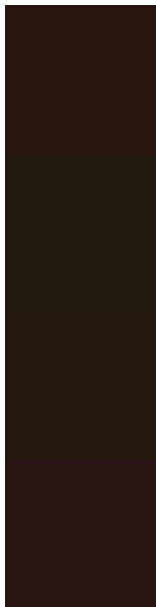
25.7250, -6.2734, 5.5032



Tritanopia

26.0940, -2.5113, 12.1956

Trichromacy



Original Color

25.8830, -5.8583, 12.3806

Protanomaly

25.6650, -5.2578, 6.4328

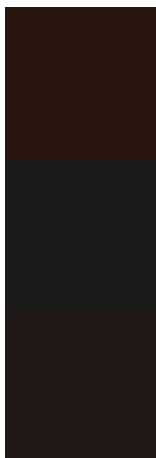
Deuteranomaly

26.0350, -6.4263, 7.8623

Tritanomaly

25.7520, -3.8217, 12.4955

Monochromacy



Original Color

25.8830, -5.8583, 12.3806

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.8650, -1.9054, 4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.8830, -5.8583, 12.3806 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(40, 21, 14)` looks like.

```
.text, #text, p{  
    color:rgb(40, 21, 14)  
}
```

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(40, 21, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 21, 14) }
```

Border

The CSS property to change the border of an element to YUV 25.8830, -5.8583, 12.3806 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(40, 21, 14) }
```


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

```
.border{ border-color:rgb(40, 21, 14) }
```

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

Here you see how a box with a 4 pixel rgb(40, 21, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 21, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 21, 14);  
box-shadow:4px 4px 4px 4px rgb(40, 21, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.8830, -5.8583, 12.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 21, 14) }
```

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

```
.background{ background-color: rgb(40, 21,  
14) }
```

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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