

Converting Colors

YUV(25.8480, 4.0189, 17.6733)

Have a look what the booklet for
YUV(25.8480, 4.0189, 17.6733)
contains.

YUV(25.8480, 4.0189, 17.6733)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(25.8480, 4.0189,
17.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	2E0E22
RGB	46, 14, 34
RGB Percent	18%, 5%, 13%
CMY	0.8196, 0.9451, 0.8667
CMYK	0.00, 0.70, 0.26, 0.82
HSL	322°, 53%, 12%
HSV	322°, 70%, 18%
XYZ	1.5725, 1.0104, 1.6255
YIQ	25.8480, 12.6520, 13.0040

Conversions

Conversions Part 2

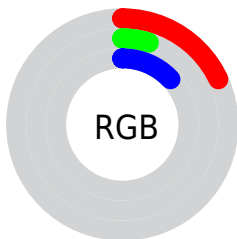
Format	Color
R_YB	46, 14, 34
Decimal	3018274
CIE _{Lab}	9.08, 19.31, -6.01
CIE _{LCh}	9, 20.224, 342.716
Yxy	1.0104, 0.3737, 0.2401
Android (android.graphics.Color)	4281208354 (0xFF2E0E22)
YUV	25.8480, 4.0189, 17.6733
Hunter-Lab	10.0519, 10.3330, -2.5516

Details

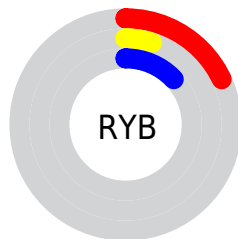
The YUV color **25.8480, 4.0189, 17.6733** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.1520, -4.0189, -17.6733**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.1580, 3.8661, 20.0324**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.6850, 4.5923, 20.4473**, and if you desaturate by 10%, it is **29.0110, 3.4456, 14.8994**.

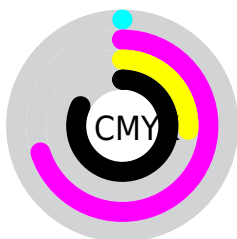
Distribution



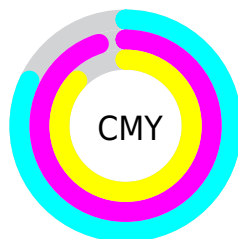
- Red (18%)
- Green (5%)
- Blue (13%)



- Red (18%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (70%)
- Yellow (26%)
- Black (82%)



- Cyan (82%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.8480, 4.0189, 17.6733 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 25.8480, 4.0189, 17.6733 by changing the saturation by 10% instead.

■ 25.8480, 4.0189,
17.6733

■ 25.8480, 4.0189,
17.6733

■ 246.1950, 4.3409,
7.7220

■ 9.0280, 0.9722,
14.8844

■ 70.1580, 3.8661,
20.0324

■ 0.0000, 0.0000,
0.0000

■ 94.4570, 3.7187,
20.6472

■ 119.1690, 3.8607,
21.7768

■ 145.4680, 3.7133,
22.3916

■ 172.1800, 3.8553,
23.5211


■ 199.4790, 3.7079,


24.1359

 227.5930, 4.1447,
24.0359

 25.8480, 4.0189,
17.6733

 25.8480, 4.0189,
17.6733

 22.6850, 4.5923,
20.4473


 29.0110, 3.4456,
14.8994


 20.2230, 5.3131,
22.6064

 31.4730, 2.7248,
12.7402

 17.0600, 5.8864,
25.3804

 34.6360, 2.1515,
9.9662

 37.2120, 1.8675,
7.7071

 40.3750, 1.2941,
4.9331

■ 43.4240, 0.2840,
2.2592

■ 46.0000, 0.0000,
0.0000

■ 49.1630, -0.5734,
-2.7740

■ 51.7390, -0.8573,
-5.0331

Harmonies

Analogous

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



26.5630, 9.5824, 6.5222



25.8480, 4.0189, 17.6733



24.8610, -2.3965, 22.0469

Triad

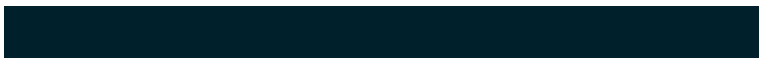
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.8480, 4.0189, 17.6733



24.2210, -11.9410, 3.3142



23.8000, 9.9586, -20.8726

Complementary

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



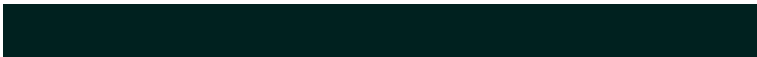
25.8480, 4.0189, 17.6733



34.1520, -4.0189, -17.6733

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.



22.9050, 3.9908, -20.0877



25.8480, 4.0189, 17.6733



21.7960, -10.7454, -6.8371

Square

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



25.8480, 4.0189, 17.6733



24.8740, -12.2629, 13.2655



20.6080, -2.2717, -18.0732



22.8370, 13.8844, -20.0280

Rectangle

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



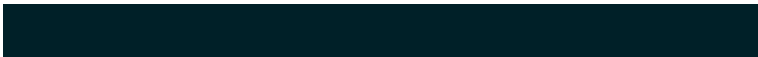
25.8480, 4.0189, 17.6733



24.2540, -8.5062, 21.7022



20.6080, -2.2717, -18.0732



23.3440, 8.2114, -20.4727

Sweetspot

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



25.8480, 4.0189, 17.6733



50.7990, 1.5781, 7.1923



21.2360, 12.2087, 4.1780



25.9620, 1.0047, 4.4183



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.



25.8480, 4.0189, 17.6733



28.0710, 5.8810, 27.1247



24.0240, -2.9698, 19.2730



21.7120, 0.1420, 1.1296



32.1690, 10.7627, 48.0868



79.2620, 26.9858, 118.1652

Inverse Universe

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



25.8480, 4.0189, 17.6733



28.0710, 5.8810, 27.1247



35.9760, 2.9698, -19.2730



21.7120, 0.1420, 1.1296



32.1690, 10.7627, 48.0868



79.2620, 26.9858, 118.1652

Previews

White Background



This preview shows how the YUV color 25.8480, 4.0189, 17.6733 looks on a white background.

Color Contrast Check

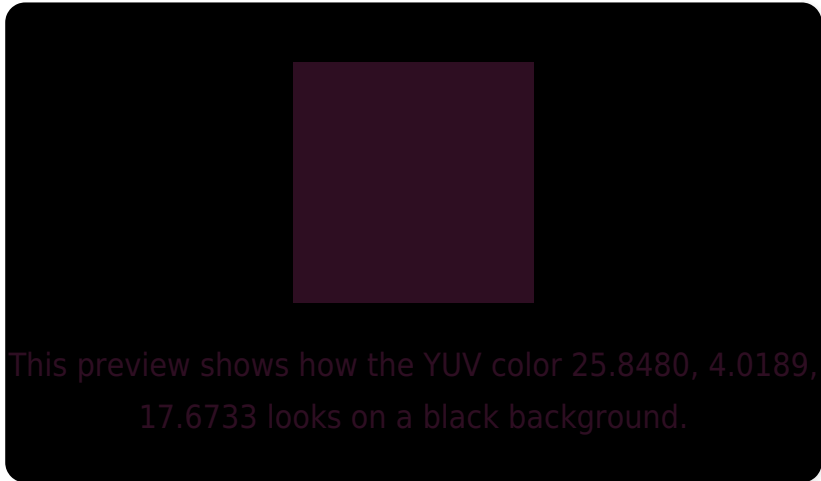
Large Text (above 18pt) WCAG AA ✓ Pass

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

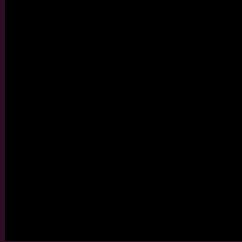
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.8480, 4.0189, 17.6733

Background



This preview shows how black text looks on a background with the YUV color 25.8480, 4.0189, 17.6733.



This preview shows how white text looks on a background with the YUV color 25.8480, 4.0189,

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

25.8480, 4.0189, 17.6733

Protanopia

26.4430, 8.1626, -4.7735

Deuteranopia

26.9830, 2.4734, 0.0149



Tritanopia

26.1870, -3.5432, 16.4990

Trichromacy



Original Color

25.8480, 4.0189, 17.6733

Protanomaly

26.4440, 6.6831, 3.1186

Deuteranomaly

26.8420, 3.0359, 6.2776

Tritanomaly

26.1700, -1.0698, 16.5139

Monochromacy



Original Color

25.8480, 4.0189, 17.6733

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.8480, 4.0189, 17.6733 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(46, 14, 34)` looks like.

```
.text, #text, p{  
    color:rgb(46, 14, 34)  
}
```

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(46, 14, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 14, 34) }
```

Border

The CSS property to change the border of an element to YUV 25.8480, 4.0189, 17.6733 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(46, 14, 34) }
```


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

```
.border{ border-color:rgb(46, 14, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 14, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 14, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 14, 34);  
box-shadow:4px 4px 4px 4px rgb(46, 14, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.8480, 4.0189, 17.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 14, 34) }
```

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

```
.background{ background-color: rgb(46, 14,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor