

Converting Colors

YUV(25.8940, 10.8983, 4.4780)

Have a look what the booklet for
YUV(25.8940, 10.8983, 4.4780)
contains.

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Color

**YUV(25.8940, 10.8983,
4.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1330
RGB	31, 19, 48
RGB Percent	12%, 7%, 19%
CMY	0.8784, 0.9255, 0.8118
CMYK	0.35, 0.60, 0.00, 0.81
HSL	265°, 43%, 13%
HSV	265°, 60%, 19%
XYZ	1.3314, 0.9705, 2.9134
YIQ	25.8940, -2.1570, 11.5630

Conversions

Conversions Part 2

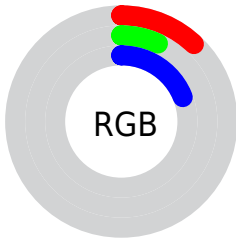
Format	Color
R_{YB}	31, 19, 48
Decimal	2036528
CIE Lab	8.74, 13.88, -17.16
CIE LCh	9, 22.071, 308.970
Yxy	0.9705, 0.2553, 0.1861
Android (android.graphics.Color)	4280226608 (0xFF1F1330)
YUV	25.8940, 10.8983, 4.4780
Hunter-Lab	9.8511, 6.8859, -10.6390




Details

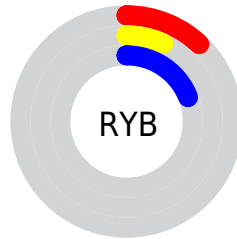
The YUV color **25.8940, 10.8983, 4.4780** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **41.1060, -10.8983, -4.4780**, and the grayscale version is **26.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **69.2470, 12.2032, 5.9224**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.0620, 12.7874, 5.2076**, and if you desaturate by 10%, it is **29.7260, 9.0091, 3.7483**.

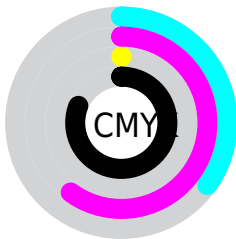
Distribution







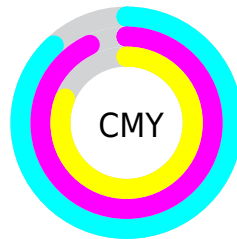
-  Red (12%)
-  Green (7%)
-  Blue (19%)






-  Red (12%)
-  Yellow (7%)
-  Blue (19%)



-  Cyan (35%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (81%)



-  Cyan (88%)
-  Magenta (93%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.8940, 10.8983, 4.4780 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 25.8940, 10.8983, 4.4780 by changing the saturation by 10% instead.

■ 25.8940, 10.8983,
4.4780

■ 25.8940, 10.8983,
4.4780

■ 248.5430, 3.1833,
5.6628

■ 4.5730, 11.0565,
0.3745

■ 69.2470, 12.2032,
5.9224

■ 0.0000, 0.0000,
0.0000

■ 93.3610, 12.6400,
5.8224

■ 118.1870, 13.2188,
6.8520

■ 143.6000, 13.5082,
7.3668

■ 170.7140, 13.9450,
7.2668

■ 197.8280, 14.3818,

7.1668

■ 225.2410, 14.6712,
7.6816

■ 25.8940, 10.8983,
4.4780

■ 25.8940, 10.8983,
4.4780

■ 22.0620, 12.7874,
5.2076

■ 29.7260, 9.0091,
3.7483

■ 18.2300, 14.6766,
5.9373

■ 33.5580, 7.1199,
3.0186

■ 15.2840, 16.1290,
6.7669

■ 36.5040, 5.6675,
2.1890

■ 11.4520, 18.0182,
7.4966

■ 40.3360, 3.7784,
1.4593

■ 44.1680, 1.8892,
0.7297

■ 48.0000, 0.0000,
0.0000

■ 51.8320, -1.8892,
-0.7297

■ 55.0770, -3.4890,
-0.9445

■ 58.6100, -5.2307,
-2.2890

Harmonies

Analogous

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



20.8310, 16.3523, -18.2688



25.8940, 10.8983, 4.4780



24.9020, 5.4713, 18.5029

Triad

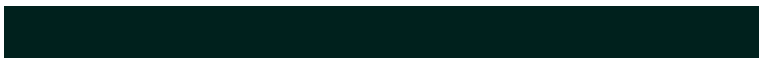
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.8940, 10.8983, 4.4780



23.9990, -11.8315, 14.9099



22.6770, 3.1172, -19.8877

Complementary

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



25.8940, 10.8983, 4.4780



41.1060, -10.8983, -4.4780

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.



20.1520, -4.0189, -17.6733



25.8940, 10.8983, 4.4780



23.9330, -11.7990, 4.4438

Square

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



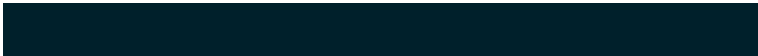
25.8940, 10.8983, 4.4780



23.1680, -11.4218, 23.5317



20.9100, -10.3086, -6.9371



23.6860, 9.5218, -20.7726

Rectangle

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



25.8940, 10.8983, 4.4780



23.7840, 1.0925, 22.9914



20.9100, -10.3086, -6.9371



22.1070, 0.9332, -19.3878

Sweetspot

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



25.8940, 10.8983, 4.4780



52.7490, 4.0677, 1.9741



32.2850, 7.7475, -11.6509



25.6950, 2.6154, 1.1445



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.



25.8940, 10.8983, 4.4780



27.3980, 16.5658, 6.6670



30.0800, 8.8346, 13.0848



21.5270, 0.7262, 0.4148



20.6820, 32.6948, 13.4339



51.0070, 80.3555, 33.3199

Inverse Universe

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



29.6090, 3.1508, 16.1289



33.1200, 4.8708, 24.4508



36.9200, -8.8346, -13.0848



21.7120, 0.1420, 1.1296



31.8270, 9.4523, 48.3867



78.3500, 23.4915, 118.9651

Previews

White Background



This preview shows how the YUV color 25.8940, 10.8983, 4.4780 looks on a white background.

Color Contrast Check

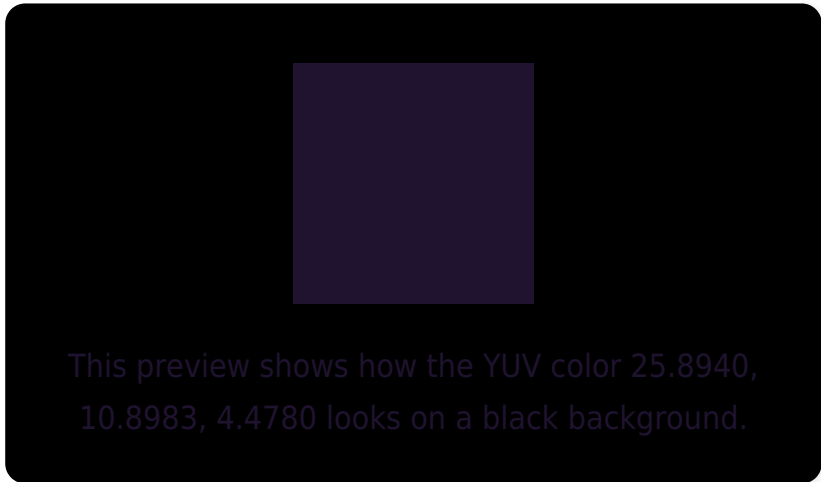
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8940, 10.8983, 4.4780

Background



This preview shows how black text looks on a background with the YUV color 25.8940, 10.8983, 4.4780.



This preview shows how white text looks on a background with the YUV color 25.8940, 10.8983,

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

25.8940, 10.8983, 4.4780

Protanopia

20.6030, 15.4787, -18.0688

Deuteranopia

20.5060, 12.5685, -17.9838



Tritanopia

25.8260, 0.5788, 1.0296

Trichromacy



Original Color

25.8940, 10.8983, 4.4780

Protanomaly

22.6040, 13.9992, -10.1767

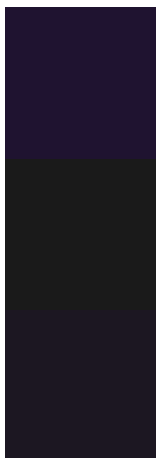
Deuteranomaly

22.1480, 12.2520, -9.7768

Tritanomaly

25.8630, 4.5045, 1.8741

Monochromacy



Original Color

25.8940, 10.8983, 4.4780

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.7490, 4.0677, 1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.8940, 10.8983, 4.4780 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(31, 19, 48)` looks like.

```
.text, #text, p{  
    color:rgb(31, 19, 48)  
}
```

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(31, 19, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 19, 48) }
```

Border

The CSS property to change the border of an element to YUV 25.8940, 10.8983, 4.4780 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(31, 19, 48) }
```


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

```
.border{ border-color:rgb(31, 19, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 19, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 19, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 19, 48);  
box-shadow:4px 4px 4px 4px rgb(31, 19, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.8940, 10.8983, 4.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 19, 48) }
```

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

```
.background{ background-color: rgb(31, 19,  
48) }
```

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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