

Converting Colors

YUV(24.8020, 10.4506, 8.0666)

Have a look what the booklet for
YUV(24.8020, 10.4506, 8.0666)
contains.

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Color

**YUV(24.8020, 10.4506,
8.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	22102E
RGB	34, 16, 46
RGB Percent	13%, 6%, 18%
CMY	0.8667, 0.9373, 0.8196
CMYK	0.26, 0.65, 0.00, 0.82
HSL	276°, 48%, 12%
HSV	276°, 65%, 18%
XYZ	1.3381, 0.9079, 2.6895
YIQ	24.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

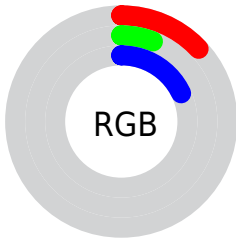
Format	Color
R_{YB}	34, 16, 46
Decimal	2232366
CIE Lab	8.20, 16.42, -16.52
CIE LCh	8, 23.297, 314.828
Yxy	0.9079, 0.2711, 0.1840
Android (android.graphics.Color)	4280422446 (0xFF22102E)
YUV	24.8020, 10.4506, 8.0666
Hunter-Lab	9.5285, 8.3926, -10.0651

Details

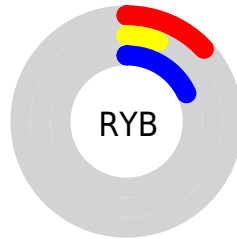
The YUV color **24.8020, 10.4506, 8.0666** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **37.1980, -10.4506, -8.0666**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.4540, 11.6082, 10.1258**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.2690, 12.1924, 9.4111**, and if you desaturate by 10%, it is **28.3350, 8.7088, 6.7222**.

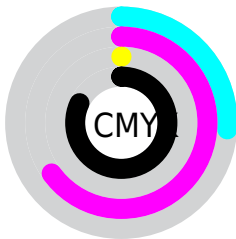
Distribution



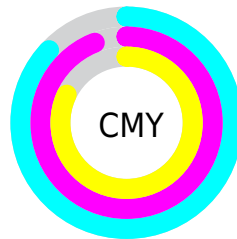
- Red (13%)
- Green (6%)
- Blue (18%)



- Red (13%)
- Yellow (6%)
- Blue (18%)



- Cyan (26%)
- Magenta (65%)
- Yellow (0%)
- Black (82%)



- Cyan (87%)
- Magenta (94%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.8020, 10.4506, 8.0666 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 24.8020, 10.4506, 8.0666 by changing the saturation by 10% instead.

■ 24.8020, 10.4506,
8.0666

■ 24.8020, 10.4506,
8.0666

■ 246.1950, 4.3409,
7.7220

■ 5.0570, 10.3249,
1.7040

■ 68.4540, 11.6082,
10.1258

■ 0.0000, 0.0000,
0.0000

■ 92.5680, 12.0450,
10.0259

■ 116.9810, 12.3344,
10.5407

■ 142.5080, 13.0606,
10.9555

■ 168.9210, 13.3499,
11.4703

■ 196.3340, 13.6393,

11.9851

■ 224.7470, 13.9287,
12.4999

■ 24.8020, 10.4506,
8.0666

■ 24.8020, 10.4506,
8.0666

■ 21.2690, 12.1924,
9.4111

■ 28.3350, 8.7088,
6.7222

■ 18.3230, 13.6448,
10.2407

■ 31.2810, 7.2565,
5.8926

■ 14.7900, 15.3865,
11.5852

■ 34.8140, 5.5147,
4.5481

■ 13.6160, 15.9653,
12.6148

■ 37.4610, 4.2097,
3.1037

■ 40.9940, 2.4680,
1.7593

■ 44.5270, 0.7262,
0.4148

■ 47.4730, -0.7262,
-0.4148

■ 51.0060, -2.4680,
-1.7593

■ 53.9520, -3.9203,
-2.5889

Harmonies

Analogous

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



20.8530, 16.3415, -14.7801



24.8020, 10.4506, 8.0666



22.9840, 4.4449, 21.0620

Triad

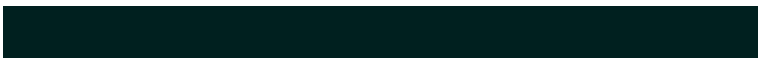
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.8020, 10.4506, 8.0666



23.1020, -11.3893, 13.0655



22.3180, 4.2802, -19.5729

Complementary

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



24.8020, 10.4506, 8.0666



37.1980, -10.4506, -8.0666

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.



20.3800, -3.1453, -17.8733



24.8020, 10.4506, 8.0666



22.4380, -11.0619, 1.3699

Square

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



24.8020, 10.4506, 8.0666



21.9830, -10.8376, 22.8169



17.9200, -8.8346, -13.0848



23.3270, 10.6848, -20.4578

Rectangle

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



24.8020, 10.4506, 8.0666



21.8660, 0.0661, 25.5505



17.9200, -8.8346, -13.0848



21.7480, 2.0962, -19.0730

Sweetspot

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



24.8020, 10.4506, 8.0666



50.4610, 4.2097, 3.1037



26.4640, 9.6312, -9.1769



25.4070, 2.7573, 2.2741



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.



24.8020, 10.4506, 8.0666



26.3170, 16.1127, 12.0000



28.0480, 7.3713, 15.7439



21.5270, 0.7262, 0.4148



25.4660, 30.3363, 23.2703



62.9670, 74.4593, 57.9109

Inverse Universe

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



26.3380, 0.8194, 17.2436



28.8060, 1.0816, 26.4801



33.9520, -7.3713, -15.7439



21.7120, 0.1420, 1.1296



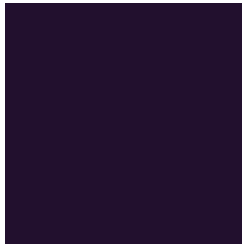
30.0030, 2.4635, 49.9864



73.7900, 6.0195, 122.9642

Previews

White Background



This preview shows how the YUV color 24.8020, 10.4506, 8.0666 looks on a white background.

Color Contrast Check

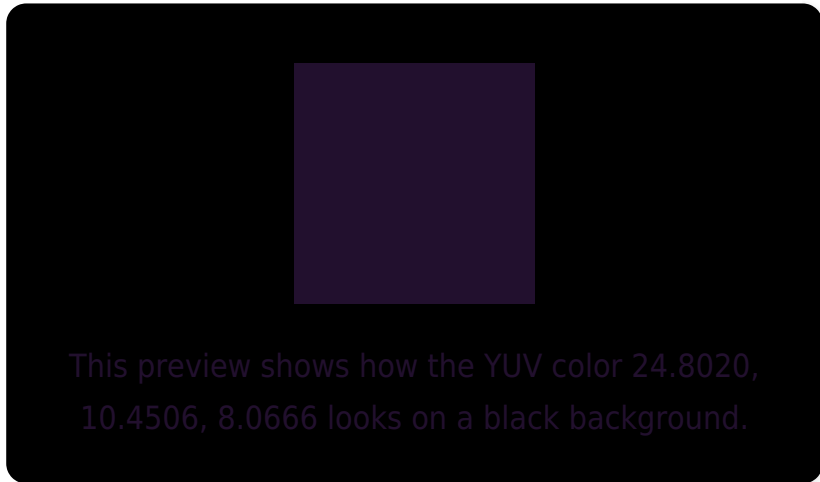
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8020, 10.4506, 8.0666

Background



This preview shows how black text looks on a background with the YUV color 24.8020, 10.4506, 8.0666.



This preview shows how white text looks on a background with the YUV color 24.8020, 10.4506,

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

24.8020, 10.4506, 8.0666

Protanopia

19.9020, 15.3313, -17.4541

Deuteranopia

21.4850, 11.0999, -13.5803



Tritanopia

25.2070, -0.5951, 4.2035

Trichromacy



Original Color

24.8020, 10.4506, 8.0666

Protanomaly

21.5010, 13.5570, -8.3324

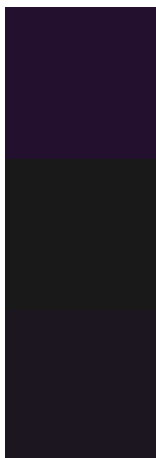
Deuteranomaly

22.8280, 10.9308, -5.9882

Tritanomaly

24.6570, 3.6201, 5.5628

Monochromacy



Original Color

24.8020, 10.4506, 8.0666

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.8020, 10.4506, 8.0666 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(34, 16, 46)` looks like.

```
.text, #text, p{  
    color:rgb(34, 16, 46)  
}
```

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(34, 16, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 16, 46) }
```

Border

The CSS property to change the border of an element to YUV 24.8020, 10.4506, 8.0666 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(34, 16, 46) }
```


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

```
.border{ border-color:rgb(34, 16, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 16, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 16, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 16, 46);  
box-shadow:4px 4px 4px 4px rgb(34, 16, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.8020, 10.4506, 8.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 16, 46) }
```

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

```
.background{ background-color: rgb(34, 16,  
46) }
```

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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