

Converting Colors

YUV(24.6830, 20.8623,
-18.1390)

Have a look what the booklet for
YUV(24.6830, 20.8623, -18.1390)
contains.

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Color

**YUV(24.6830, 20.8623,
-18.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	041B43
RGB	4, 27, 67
RGB Percent	2%, 11%, 26%
CMY	0.9843, 0.8941, 0.7373
CMYK	0.94, 0.60, 0.00, 0.74
HSL	218°, 89%, 14%
HSV	218°, 94%, 26%
XYZ	1.4551, 1.2149, 5.4680
YIQ	24.6830, -26.5480, 7.5640

Conversions

Conversions Part 2

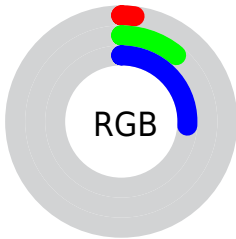
Format	Color
R_{YB}	4, 21, 67
Decimal	269123
CIE _{Lab}	10.67, 9.21, -27.81
CIE _{LCh}	11, 29.295, 288.321
Y _{xy}	1.2149, 0.1788, 0.1493
Android (android.graphics.Color)	4278459203 (0xFF041B43)
YUV	24.6830, 20.8623, -18.1390
Hunter-Lab	11.0224, 4.2756, -21.6971

Details

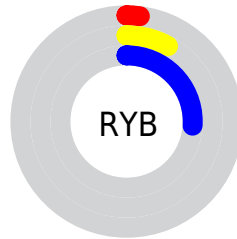
The YUV color **24.6830, 20.8623, -18.1390** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **46.3170, -20.8623, 18.1390**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.9550, 21.7142, -11.3615**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **21.7260, 22.3201, -19.0537**, and if you desaturate by 10%, it is **29.1240, 18.6729, -15.8947**.

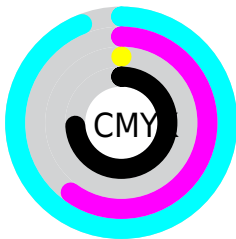
Distribution



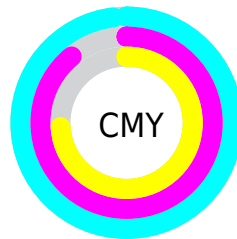
- Red (2%)
- Green (11%)
- Blue (26%)



- Red (2%)
- Yellow (8%)
- Blue (26%)



- Cyan (94%)
- Magenta (60%)
- Yellow (0%)
- Black (74%)



- Cyan (98%)
- Magenta (89%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.6830, 20.8623, -18.1390 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 24.6830, 20.8623, -18.1390 by changing the saturation by 10% instead.

■ 24.6830, 20.8623,
-18.1390

■ 24.6830, 20.8623,
-18.1390

■ 252.0210, 1.4686,
-4.4034

■ 5.1300, 19.6559,
-4.4990

■ 71.9550, 21.7142,
-11.3615

■ 3.2090, 9.7570,
-2.8143

■ 95.7810, 22.2930,
-10.3319

■ 0.0000, 0.0000,
0.0000

■ 121.0090, 23.1666,
-10.5319

■ 146.5360, 23.8928,
-10.1171

■ 173.6500, 24.3296,
-10.2170

■ 201.1770, 25.0557,

-9.8022

■ 226.3270, 14.1358,
-7.3028

■ 24.6830, 20.8623,
-18.1390

■ 24.6830, 20.8623,
-18.1390

■ 21.7260, 22.3201,
-19.0537

■ 29.1240, 18.6729,
-15.8947

■ 33.8530, 16.3415,
-14.7801

■ 38.2940, 14.1521,
-12.5358

■ 42.7350, 11.9626,
-10.2916

■ 47.1760, 9.7732,
-8.0474

■ 51.9050, 7.4418,
-6.9327

■ 56.3460, 5.2524,
-4.6884

■ 60.7870, 3.0630,
-2.4442

■ 64.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



27.1230, 20.1524, -23.7869



24.6830, 20.8623, -18.1390



29.5190, 13.0551, 12.6998

Triad

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



24.6830, 20.8623, -18.1390



25.8480, -12.7431, 27.3203



24.5860, -2.2609, -21.5619

Complementary

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



24.6830, 20.8623, -18.1390



46.3170, -20.8623, 18.1390

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.



20.8440, -10.2761, -17.4032



24.6830, 20.8623, -18.1390



27.8310, -13.7207, 14.1802

Square

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



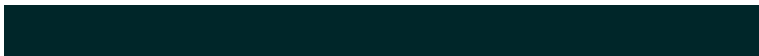
24.6830, 20.8623, -18.1390



23.7100, -3.3080, 34.4573



26.5580, -13.0931, -0.4894



26.9800, 6.9119, -23.6615

Rectangle

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



24.6830, 20.8623, -18.1390



27.0430, 8.3598, 25.3953



26.5580, -13.0931, -0.4894



22.9730, -5.9027, -20.1473

Sweetspot

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



24.6830, 20.8623, -18.1390



70.1330, 8.3154, -7.1326



45.5410, -0.7597, -36.4315



33.5310, 4.6682, -3.9737



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



24.6830, 20.8623, -18.1390



28.7020, 28.7409, -25.1717



13.5740, 26.3390, -1.3804



30.9290, 1.0210, -0.8147



31.6030, 32.2407, -27.7158



73.6700, 74.1127, -64.6086

Inverse Universe

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



25.4590, 0.7597, 36.4315



29.6610, 1.1531, 50.2863



57.4260, -26.3390, 1.3804



31.0110, -0.0054, 1.7444



32.9930, 0.9895, 56.1341



76.3240, 2.7983, 129.5119

Previews

White Background



This preview shows how the YUV color 24.6830, 20.8623, -18.1390 looks on a white background.

Color Contrast Check

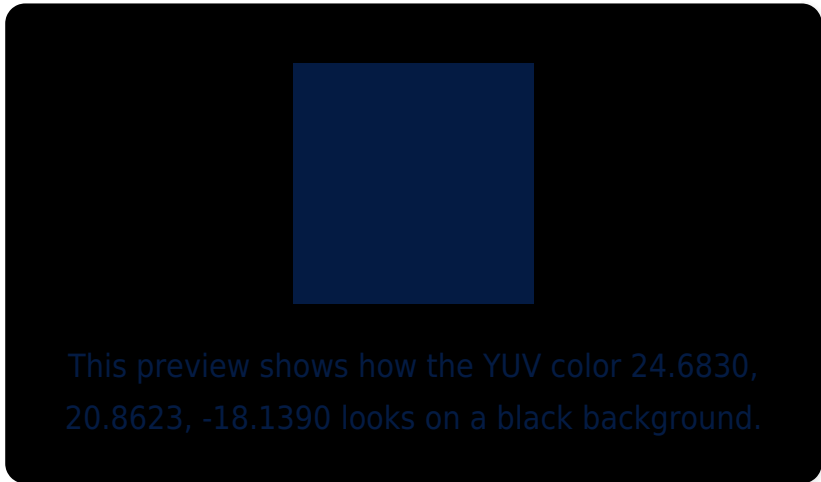
Large Text (above 18pt) WCAG AA ✓ Pass

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

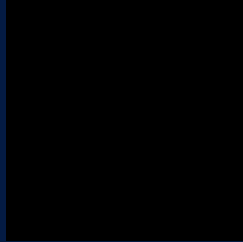
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.6830, 20.8623, -18.1390

Background



This preview shows how black text looks on a background with the YUV color 24.6830, 20.8623, -18.1390.



This preview shows how white text looks on a background with the YUV color 24.6830, 20.8623,

-18.1390.

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

24.6830, 20.8623, -18.1390

Protanopia

23.9770, 18.2523, -21.0278

Deuteranopia

24.1250, 13.7424, -21.1576



Tritanopia

23.3610, 5.7380, -20.4876

Trichromacy



Original Color

24.6830, 20.8623, -18.1390

Protanomaly

23.9170, 19.2679, -20.0982

Deuteranomaly

24.4070, 16.0683, -20.5279

Tritanomaly

23.8540, 11.4110, -20.0430

Monochromacy



Original Color

24.6830, 20.8623, -18.1390

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.6830, 20.8623, -18.1390 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(4, 27, 67)` looks like.

```
.text, #text, p{  
    color:rgb(4, 27, 67)  
}
```

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(4, 27, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 27, 67) }
```

Border

The CSS property to change the border of an element to YUV 24.6830, 20.8623, -18.1390 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(4, 27, 67) }
```


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

```
.border{ border-color:rgb(4, 27, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 27, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 27, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 27, 67); box-shadow:4px  
4px 4px 4px rgb(4, 27, 67) }
```

Background

The CSS property to change the background color of an element to YUV 24.6830, 20.8623, -18.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 27, 67) }
```

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

```
.background{ background-color: rgb(4, 27,  
67) }
```

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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