

Converting Colors

YUV(24.8570, 20.2835,
-19.1686)

Have a look what the booklet for
YUV(24.8570, 20.2835, -19.1686)
contains.

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Color

**YUV(24.8570, 20.2835,
-19.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	031C42
RGB	3, 28, 66
RGB Percent	1%, 11%, 26%
CMY	0.9882, 0.8902, 0.7412
CMYK	0.95, 0.58, 0.00, 0.74
HSL	216°, 91%, 14%
HSV	216°, 95%, 26%
XYZ	1.4362, 1.2432, 5.3185
YIQ	24.8570, -27.0980, 6.5180

Conversions

Conversions Part 2

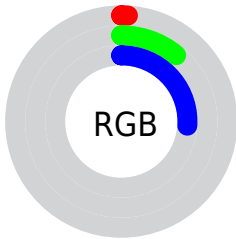
Format	Color
R_{YB}	3, 21, 66
Decimal	203842
CIE _{Lab}	10.87, 7.78, -26.78
CIE _{LCh}	11, 27.886, 286.205
Yxy	1.2432, 0.1796, 0.1554
Android (android.graphics.Color)	4278393922 (0xFF031C42)
YUV	24.8570, 20.2835, -19.1686
Hunter-Lab	11.1500, 3.4794, -20.4764

Details

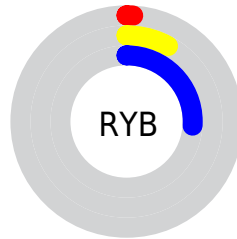
The YUV color **24.8570, 20.2835, -19.1686** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **44.1430, -20.2835, 19.1686**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.0150, 20.6986, -12.2912**, and **3.0950, 9.3202, -2.7143** is the 20% darker color. If you saturate the color by 10%, you get **22.7860, 21.3045, -19.9833**, and if you desaturate by 10%, it is **29.2980, 18.0941, -16.9243**.

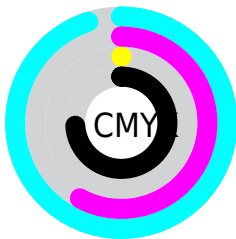
Distribution



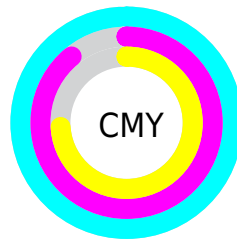
- Red (1%)
- Green (11%)
- Blue (26%)



- Red (1%)
- Yellow (8%)
- Blue (26%)



- Cyan (95%)
- Magenta (58%)
- Yellow (0%)
- Black (74%)



- Cyan (99%)
- Magenta (89%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.8570, 20.2835, -19.1686 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 24.8570, 20.2835, -19.1686 by changing the saturation by 10% instead.

■ 24.8570, 20.2835,
-19.1686

■ 24.8570, 20.2835,
-19.1686

■ 252.3090, 1.3267,
-5.5330

■ 5.0160, 19.2191,
-4.3990

■ 72.0150, 20.6986,
-12.2912

■ 3.0950, 9.3202,
-2.7143

■ 95.9550, 21.7142,
-11.3615

■ 0.0000, 0.0000,
0.0000

■ 121.1830, 22.5878,
-11.5615

■ 147.2970, 23.0246,
-11.6615

■ 173.8240, 23.7508,
-11.2466

■ 201.3510, 24.4770,

-10.8318

■ 226.6150, 13.9938,
-8.4324

■ 24.8570, 20.2835,
-19.1686

■ 24.8570, 20.2835,
-19.1686

■ 22.7860, 21.3045,
-19.9833

■ 29.2980, 18.0941,
-16.9243

■ 33.4400, 16.0521,
-15.2949

■ 37.8810, 13.8627,
-13.0506

■ 42.0230, 11.8207,
-11.4212

■ 46.4640, 9.6312,
-9.1769

■ 50.9050, 7.4418,
-6.9327

■ 55.0470, 5.3998,
-5.3032

■ 59.4880, 3.2104,
-3.0590

■ 63.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



27.4820, 18.9894, -24.1017



24.8570, 20.2835, -19.1686



30.0950, 12.7712, 10.4407

Triad

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



24.8570, 20.2835, -19.1686



26.7340, -13.1799, 27.4203



24.4720, -2.6977, -21.4619

Complementary

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



24.8570, 20.2835, -19.1686



44.1430, -20.2835, 19.1686

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.



22.6380, -11.1605, -13.7145



24.8570, 20.2835, -19.1686



28.1300, -13.8681, 14.7950

Square

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



24.8570, 20.2835, -19.1686



24.9270, -2.4290, 32.5130



26.8680, -13.2459, 1.8698



26.7520, 6.0383, -23.4615

Rectangle

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



24.8570, 20.2835, -19.1686



28.3200, 8.2232, 22.5214



26.8680, -13.2459, 1.8698



22.9730, -5.9027, -20.1473

Sweetspot

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



24.8570, 20.2835, -19.1686



70.7200, 8.0260, -7.6474



44.3130, -1.6333, -36.2315



33.2320, 4.8156, -4.5885



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.



24.8570, 20.2835, -19.1686



29.8760, 28.1621, -26.2013



11.9760, 26.6338, -2.6100



30.9290, 1.0210, -0.8147



33.3640, 31.3725, -29.2602



77.7790, 72.0870, -68.2122

Inverse Universe

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



24.6870, 1.6333, 36.2315



29.8890, 2.0267, 50.0863



57.0240, -26.6338, 2.6100



31.0110, -0.0054, 1.7444



33.3350, 2.2998, 55.8342



77.1220, 5.8559, 128.8120

Previews

White Background



This preview shows how the YUV color 24.8570, 20.2835, -19.1686 looks on a white background.

Color Contrast Check

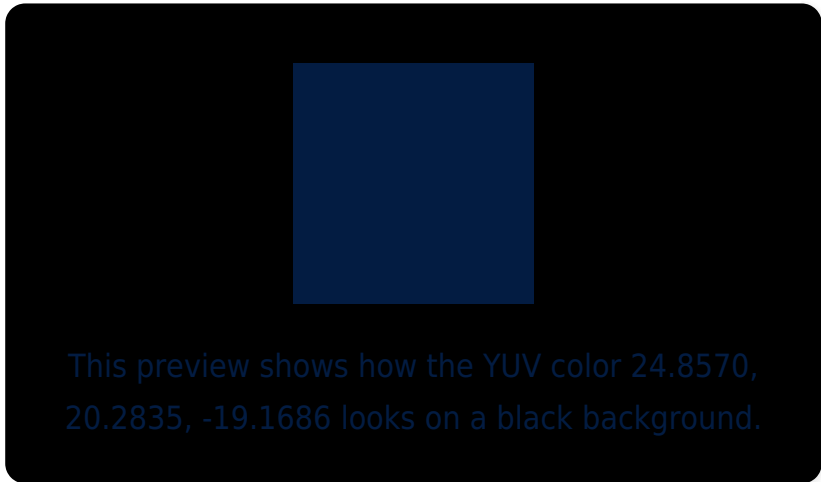
Large Text (above 18pt) WCAG AA ✓ Pass

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

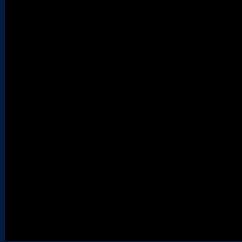
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.8570, 20.2835, -19.1686

Background



This preview shows how black text looks on a background with the YUV color 24.8570, 20.2835, -19.1686.



This preview shows how white text looks on a background with the YUV color 24.8570, 20.2835,

-19.1686.

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

24.8570, 20.2835, -19.1686

Protanopia

24.0910, 18.6891, -21.1278

Deuteranopia

24.2390, 14.1792, -21.2576



Tritanopia

24.0620, 5.8854, -21.1024

Trichromacy



Original Color

24.8570, 20.2835, -19.1686

Protanomaly

24.5040, 18.9785, -20.6130

Deuteranomaly

24.5210, 16.5051, -20.6279

Tritanomaly

24.4410, 11.1216, -20.5578

Monochromacy



Original Color

24.8570, 20.2835, -19.1686

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 24.8570, 20.2835, -19.1686 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(3, 28, 66)` looks like.

```
.text, #text, p{  
    color:rgb(3, 28, 66)  
}
```

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(3, 28, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 28, 66) }
```

Border

The CSS property to change the border of an element to YUV 24.8570, 20.2835, -19.1686 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(3, 28, 66) }
```


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

```
.border{ border-color:rgb(3, 28, 66) }
```

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

Here you see how a box with a 4 pixel rgb(3, 28, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 28, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 28, 66); box-shadow:4px  
4px 4px 4px rgb(3, 28, 66) }
```

Background

The CSS property to change the background color of an element to YUV 24.8570, 20.2835, -19.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 28, 66) }
```

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

```
.background{ background-color: rgb(3, 28,  
66) }
```

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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