

Converting Colors

YUV(24.9960, 9.3690, -18.4135)

Have a look what the booklet for
YUV(24.9960, 9.3690, -18.4135)
contains.

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Color

**YUV(24.9960, 9.3690,
-18.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	04202C
RGB	4, 32, 44
RGB Percent	2%, 13%, 17%
CMY	0.9843, 0.8745, 0.8275
CMYK	0.91, 0.27, 0.00, 0.83
HSL	198°, 83%, 9%
HSV	198°, 91%, 17%
XYZ	1.0212, 1.2407, 2.5685
YIQ	24.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

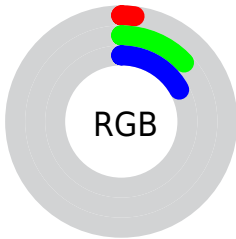
Format	Color
RYB	4, 20, 44
Decimal	270380
CIELab	10.85, -5.42, -11.06
CIElCh	11, 12.316, 243.889
Yxy	1.2407, 0.2114, 0.2568
Android (android.graphics.Color)	4278460460 (0xFF04202C)
YUV	24.9960, 9.3690, -18.4135
Hunter-Lab	11.1386, -3.1274, -5.8751

Details

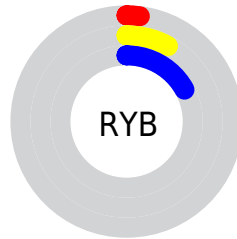
The YUV color **24.9960, 9.3690, -18.4135** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23.0040, -9.3690, 18.4135**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.1210, 9.8003, -16.7691**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.2130, 10.2480, -20.3578**, and if you desaturate by 10%, it is **26.7790, 8.4900, -16.4692**.

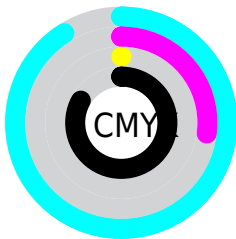
Distribution



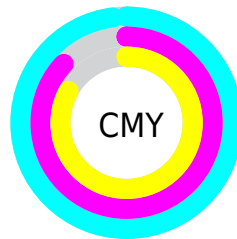
- Red (2%)
- Green (13%)
- Blue (17%)



- Red (2%)
- Yellow (8%)
- Blue (17%)



- Cyan (91%)
- Magenta (27%)
- Yellow (0%)
- Black (83%)



- Cyan (98%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.9960, 9.3690, -18.4135 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 24.9960, 9.3690, -18.4135 by changing the saturation by 10% instead.

■ 24.9960, 9.3690,
-18.4135

■ 24.9960, 9.3690,
-18.4135

■ 248.7210, 3.0955,
-12.9103

■ 6.8450, 8.4574,
-6.0031

■ 70.1210, 9.8003,
-16.7691

■ 0.0000, 0.0000,
0.0000

■ 94.1210, 9.8003,
-16.7691

■ 118.9360, 10.3846,
-17.4839

■ 144.9360, 10.3846,
-17.4839

■ 171.0500, 10.8213,
-17.5839

■ 198.7510, 10.9688,

-18.1986

■ 226.8650, 11.4056,
-18.2986

■ 24.9960, 9.3690,
-18.4135

■ 24.9960, 9.3690,
-18.4135

■ 23.2130, 10.2480,
-20.3578

■ 26.7790, 8.4900,
-16.4692

■ 29.4480, 7.1741,
-14.4249

■ 31.2310, 6.2951,
-12.4806

■ 33.3130, 5.2687,
-9.9215

■ 35.6830, 4.1003,
-8.4920

■ 37.4660, 3.2213,
-6.5477

■ 39.5480, 2.1948,
-3.9886

■ 41.9180, 1.0264,
-2.5591

■ 44.0000, 0.0000,
0.0000

Harmonies

Analogous

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



23.7030, 7.0484, -20.7875



24.9960, 9.3690, -18.4135



28.5350, 8.6102, -8.3622

Triad

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



24.9960, 9.3690, -18.4135



30.1480, -1.0590, 13.0252



27.2680, -6.5411, -1.9890

Complementary

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



24.9960, 9.3690, -18.4135



23.0040, -9.3690, 18.4135

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.



28.2150, -9.4730, 5.0734



24.9960, 9.3690, -18.4135



29.8230, -4.8427, 13.3102

Square

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



24.9960, 9.3690, -18.4135



30.5650, 3.1725, 9.1515



29.0030, -7.8895, 10.5214



26.0650, -2.0040, -10.5810

Rectangle

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



24.9960, 9.3690, -18.4135



29.8240, 6.9888, -1.5996



29.0030, -7.8895, 10.5214



27.9370, -7.8569, 0.0553

Sweetspot

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



24.9960, 9.3690, -18.4135



49.1670, 3.3687, -7.1625



28.8480, -6.3341, -21.7917



23.5480, 2.1948, -3.9886



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



24.9960, 9.3690, -18.4135



29.2770, 13.1744, -25.6759



13.2560, 15.1568, -8.1175



21.8150, 0.5842, -0.7148



45.7250, 20.3486, -40.1008



112.4460, 50.0661, -98.6151

Inverse Universe

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



19.1520, 6.3341, 21.7917



21.1900, 8.7803, 30.5284



34.7440, -15.1568, 8.1175



21.7120, 0.1420, 1.1296



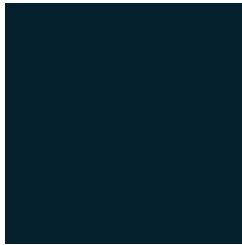
32.9670, 13.8203, 47.3869



81.0860, 33.9746, 116.5656

Previews

White Background



This preview shows how the YUV color 24.9960, 9.3690, -18.4135 looks on a white background.

Color Contrast Check

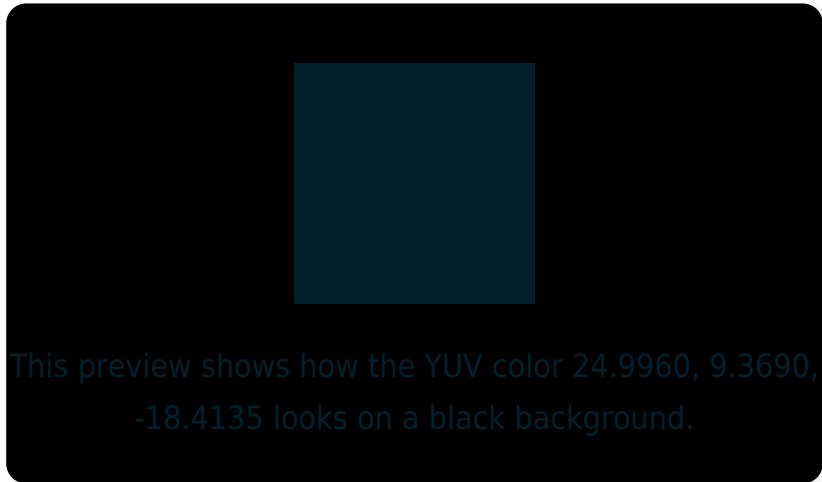
Large Text (above 18pt) WCAG AA ✓ Pass

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

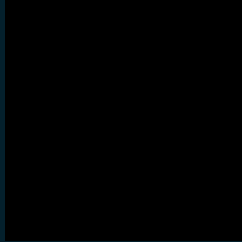
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

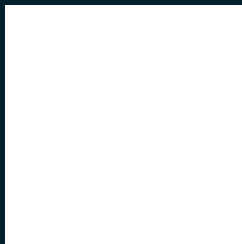
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 24.9960, 9.3690, -18.4135

Background



This preview shows how black text looks on a background with the YUV color 24.9960, 9.3690, -18.4135.



This preview shows how white text looks on a background with the YUV color 24.9960, 9.3690,

-18.4135.

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

24.9960, 9.3690, -18.4135

Protanopia

29.5850, 6.1206, -3.1440

Deuteranopia

29.6170, 7.5838, -5.8031



Tritanopia

23.4750, 6.1748, -20.5876

Trichromacy



Original Color

24.9960, 9.3690, -18.4135

Protanomaly

27.8940, 7.4473, -8.6770

Deuteranomaly

28.1110, 8.3263, -10.6213

Tritanomaly

24.1160, 7.3378, -20.2727

Monochromacy



Original Color

24.9960, 9.3690, -18.4135

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1670, 3.3687, -7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.9960, 9.3690, -18.4135 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, 32, 44)` looks like.

```
.text, #text, p{  
    color:rgb(4, 32, 44)  
}
```

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, 32, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 32, 44) }
```

Border

The CSS property to change the border of an element to YUV 24.9960, 9.3690, -18.4135 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, 32, 44) }
```


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

```
.border{ border-color:rgb(4, 32, 44) }
```

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

Here you see how a box with a 4 pixel rgb(4, 32, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 32, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 32, 44); box-shadow:4px  
4px 4px 4px rgb(4, 32, 44) }
```

Background

The CSS property to change the background color of an element to YUV 24.9960, 9.3690, -18.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 32, 44) }
```

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

```
.background{ background-color: rgb(4, 32,  
44) }
```

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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