

Converting Colors

YUV(26.0800, 18.6946,
-22.8722)

Have a look what the booklet for
YUV(26.0800, 18.6946, -22.8722)
contains.

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Color

**YUV(26.0800, 18.6946,
-22.8722)**

Conversions

Conversions Part 1

Format	Color
Hex	002040
RGB	0, 32, 64
RGB Percent	0%, 13%, 25%
CMY	1.0000, 0.8745, 0.7490
CMYK	1.00, 0.50, 0.00, 0.75
HSL	210°, 100%, 13%
HSV	210°, 100%, 25%
XYZ	1.4419, 1.4032, 5.0453
YIQ	26.0800, -29.3440, 3.1680

Conversions

Conversions Part 2

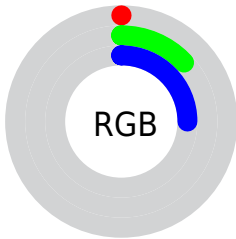
Format	Color
RYB	0, 21, 64
Decimal	8256
CIELab	11.98, 3.18, -23.60
CIELCh	12, 23.809, 277.670
Yxy	1.4032, 0.1827, 0.1778
Android (android.graphics.Color)	4278198336 (0xFF002040)
YUV	26.0800, 18.6946, -22.8722
Hunter-Lab	11.8456, 0.9983, -16.9611

Details

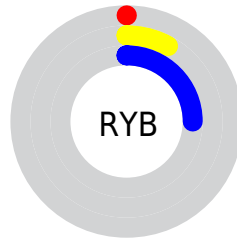
The YUV color **26.0800, 18.6946, -22.8722** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **37.9200, -18.6946, 22.8722**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.2380, 19.1097, -15.9947**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **26.0800, 18.6946, -22.8722**, and if you desaturate by 10%, it is **29.6350, 16.9419, -20.7279**.

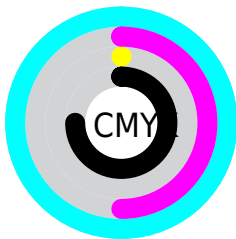
Distribution



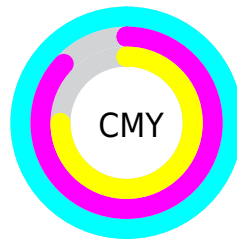
- Red (0%)
- Green (13%)
- Blue (25%)



- Red (0%)
- Yellow (8%)
- Blue (25%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.0800, 18.6946, -22.8722 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 26.0800, 18.6946, -22.8722 by changing the saturation by 10% instead.

■ 26.0800, 18.6946,
-22.8722

■ 26.0800, 18.6946,
-22.8722

■ 251.1130, 1.9163,
-7.9921

■ 8.8970, 16.3198,
-7.8027

■ 73.2380, 19.1097,
-15.9947

■ 2.8670, 8.4466,
-2.5144

■ 97.7650, 19.8359,
-15.5799

■ 0.0000, 0.0000,
0.0000

■ 122.8790, 20.2727,
-15.6799

■ 148.9930, 20.7095,
-15.7799

■ 175.5200, 21.4356,
-15.3650

■ 203.3350, 22.0198,

-16.0798

■ 229.2400, 12.6997,
-13.3655

■ 26.0800, 18.6946,
-22.8722

■ 29.6350, 16.9419,
-20.7279

■ 33.4890, 15.0419,
-17.9689

■ 37.6310, 12.9999,
-16.3394

■ 41.4850, 11.0999,
-13.5803

■ 45.0400, 9.3473,
-11.4361

■ 48.5950, 7.5947,
-9.2918

■ 52.4490, 5.6946,
-6.5328

■ 56.5910, 3.6526,
-4.9033

■ 60.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



28.2000, 16.6634, -24.7314



26.0800, 18.6946, -22.8722



32.3500, 12.6454, 4.0780

Triad

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



26.0800, 18.6946, -22.8722



29.8200, -10.2643, 25.5909



24.3580, -3.1345, -21.3620

Complementary

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



26.0800, 18.6946, -22.8722



37.9200, -18.6946, 22.8722

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.



27.1120, -13.3662, -6.2372



26.0800, 18.6946, -22.8722



30.2120, -14.8945, 17.3541

Square

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



26.0800, 18.6946, -22.8722



30.2360, -1.1023, 26.9800



29.8470, -14.7146, 6.2732



26.8830, 4.0017, -23.5764

Rectangle

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



26.0800, 18.6946, -22.8722



32.2760, 8.2449, 15.5439



29.8470, -14.7146, 6.2732



24.1580, -6.4869, -19.4326

Sweetspot

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



26.0800, 18.6946, -22.8722



69.4810, 7.1579, -9.1918



41.2160, -4.5435, -36.1464



34.4060, 4.2368, -5.6181



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.



26.0800, 18.6946, -22.8722



34.2300, 24.5366, -30.0197



7.2960, 27.9551, -6.3986



30.9290, 1.0210, -0.8147



39.2340, 28.4786, -34.4082



91.2800, 65.4310, -80.0526

Inverse Universe

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



22.7840, 4.5435, 36.1464



29.9040, 5.9633, 47.4422



56.7040, -27.9551, 6.3986



31.0110, -0.0054, 1.7444



34.4750, 6.6678, 54.8344



79.7440, 15.9022, 126.5125

Previews

White Background



This preview shows how the YUV color 26.0800, 18.6946, -22.8722 looks on a white background.

Color Contrast Check

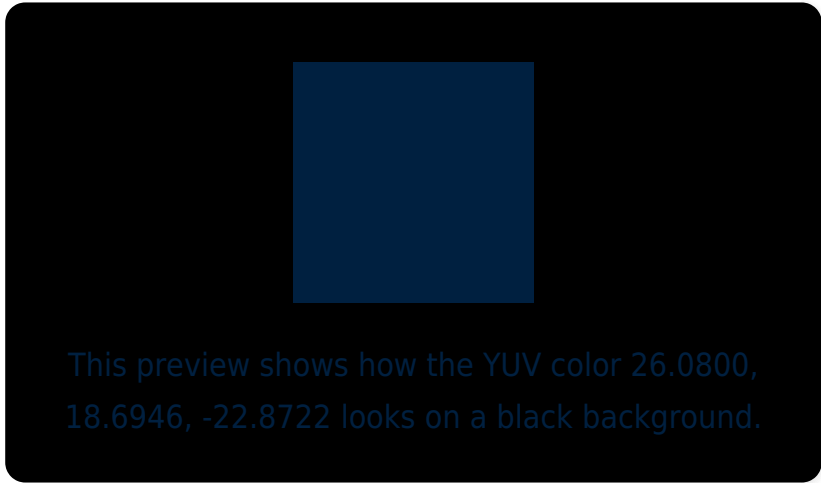
Large Text (above 18pt) WCAG AA ✓ Pass

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

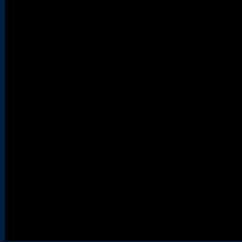
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.0800, 18.6946, -22.8722

Background



This preview shows how black text looks on a background with the YUV color 26.0800, 18.6946, -22.8722.



This preview shows how white text looks on a background with the YUV color 26.0800, 18.6946,

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



Protanopia

29.2660, 16.6309, -14.2653

Deuteranopia

25.9830, 15.7844, -22.7871

Tritanopia

25.5780, 6.6170, -22.4319

Trichromacy



Protanomaly

27.7710, 17.3679, -17.3392

Deuteranomaly

26.2110, 16.6580, -22.9870

Tritanomaly

26.0170, 10.8376, -22.8169

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.0790, 6.8631, -7.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.0800, 18.6946, -22.8722 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(0, 32, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 32, 64)  
}
```

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(0, 32, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 32, 64) }
```

Border

The CSS property to change the border of an element to YUV 26.0800, 18.6946, -22.8722 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(0, 32, 64) }
```

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

```
.border{ border-color:rgb(0, 32, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 32, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 32, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 32, 64); box-shadow:4px  
4px 4px 4px rgb(0, 32, 64) }
```


Background

The CSS property to change the background color of an element to YUV 26.0800, 18.6946, -22.8722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 32, 64) }
```

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

```
.background{ background-color: rgb(0, 32,  
64) }
```

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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