

Converting Colors

YUV(26.6790, 16.9203,
-13.7505)

Have a look what the booklet for
YUV(26.6790, 16.9203, -13.7505)
contains.

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Color

**YUV(26.6790, 16.9203,
-13.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	0B1C3D
RGB	11, 28, 61
RGB Percent	4%, 11%, 24%
CMY	0.9569, 0.8902, 0.7608
CMYK	0.82, 0.54, 0.00, 0.76
HSL	220°, 69%, 14%
HSV	220°, 82%, 24%
XYZ	1.3956, 1.2386, 4.5804
YIQ	26.6790, -20.7250, 6.6590

Conversions

Conversions Part 2

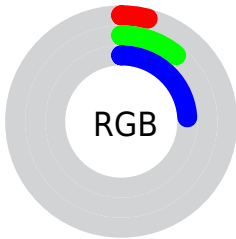
Format	Color
R_{YB}	11, 24, 61
Decimal	728125
CIE Lab	10.84, 6.75, -23.28
CIE LCh	11, 24.242, 286.168
Yxy	1.2386, 0.1934, 0.1717
Android (android.graphics.Color)	4278918205 (0xFF0B1C3D)
YUV	26.6790, 16.9203, -13.7505
Hunter-Lab	11.1291, 2.9075, -16.6115

Details

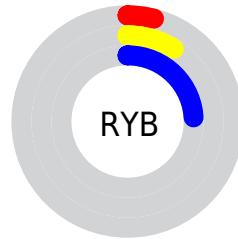
The YUV color **26.6790, 16.9203, -13.7505** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **45.3210, -16.9203, 13.7505**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.3420, 18.0724, -9.9469**, and **2.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **22.5370, 18.9623, -15.3799**, and if you desaturate by 10%, it is **30.8210, 14.8782, -12.1210**.

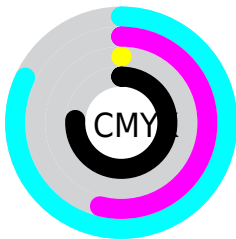
Distribution



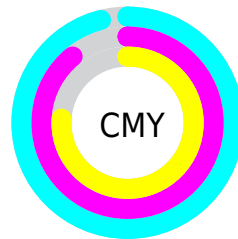
- Red (4%)
- Green (11%)
- Blue (24%)



- Red (4%)
- Yellow (9%)
- Blue (24%)



- Cyan (82%)
- Magenta (54%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.6790, 16.9203, -13.7505 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 26.6790, 16.9203, -13.7505 by changing the saturation by 10% instead.

■ 26.6790, 16.9203,
-13.7505

■ 26.6790, 16.9203,
-13.7505

■ 252.9070, 1.0318,
-4.3034

■ 4.4460, 17.0351,
-3.8991

■ 72.3420, 18.0724,
-9.9469

■ 2.5250, 7.1362,
-2.2144

■ 96.4560, 18.5092,
-10.0469

■ 0.0000, 0.0000,
0.0000

■ 121.0970, 19.6722,
-9.7321

■ 147.2110, 20.1090,
-9.8320

■ 173.6240, 20.3984,
-9.3172

■ 201.7380, 20.8352,

-9.4172

■ 227.8000, 13.4096,
-7.7176

■ 26.6790, 16.9203,
-13.7505

■ 26.6790, 16.9203,
-13.7505

■ 22.5370, 18.9623,
-15.3799

■ 30.8210, 14.8782,
-12.1210

■ 19.2810, 20.5675,
-16.9094

■ 34.9630, 12.8362,
-10.4916

■ 39.1050, 10.7942,
-8.8621

■ 43.2470, 8.7522,
-7.2326

■ 47.6880, 6.5628,
-4.9884

■ 51.8300, 4.5208,
-3.3589

■ 55.9720, 2.4788,
-1.7294

■ 60.1140, 0.4368,
-0.1000

■ 64.2560, -1.6052,
1.5295

Harmonies

Analogous

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



26.3250, 17.0948, -23.0870



26.6790, 16.9203, -13.7505



30.5140, 10.5926, 9.1962

Triad

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



26.6790, 16.9203, -13.7505



27.0110, -13.3164, 24.5464



24.1130, -1.5347, -21.1471

Complementary

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



26.6790, 16.9203, -13.7505



45.3210, -16.9203, 13.7505

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.



23.2470, -11.4608, -10.7406



26.6790, 16.9203, -13.7505



28.4180, -14.0101, 13.6654

Square

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



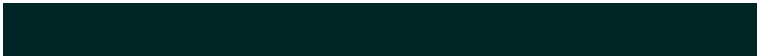
26.6790, 16.9203, -13.7505



26.7800, -2.8495, 27.3799



27.1670, -13.3933, 2.4845



26.0510, 5.8909, -22.8467

Rectangle

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



26.6790, 16.9203, -13.7505



28.9560, 6.9237, 19.3326



27.1670, -13.3933, 2.4845



22.7280, -4.3029, -19.9325

Sweetspot

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



26.6790, 16.9203, -13.7505



65.3890, 6.7102, -5.6032



43.9980, -0.4920, -28.9392



32.7160, 4.0840, -3.2589



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



26.6790, 16.9203, -13.7505



26.0400, 26.1093, -21.0831



19.0920, 20.6606, -0.0807



28.9290, 1.0210, -0.8147



29.5000, 31.7985, -25.8715



69.3330, 75.2648, -60.8050

Inverse Universe

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



27.8880, 0.0552, 29.0392



27.9870, 0.0064, 44.7384



52.9080, -20.6606, 0.0807



29.0110, -0.0054, 1.7444



31.7540, 0.1213, 54.5897



74.9280, 0.0355, 128.9821

Previews

White Background



This preview shows how the YUV color 26.6790, 16.9203, -13.7505 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

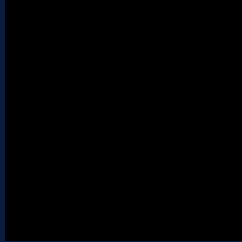
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.6790, 16.9203, -13.7505

Background



This preview shows how black text looks on a background with the YUV color 26.6790, 16.9203, -13.7505.



This preview shows how white text looks on a background with the YUV color 26.6790, 16.9203,

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

26.6790, 16.9203, -13.7505

Protanopia

23.9770, 18.2523, -21.0278

Deuteranopia

23.5380, 14.0318, -20.6428



Tritanopia

23.3610, 5.7380, -20.4876

Trichromacy



Original Color

26.6790, 16.9203, -13.7505

Protanomaly

25.1730, 17.6627, -18.5687

Deuteranomaly

24.4890, 15.0419, -17.9689

Tritanomaly

24.4090, 9.6584, -17.8987

Monochromacy



Original Color

26.6790, 16.9203, -13.7505

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.5740, 6.1260, -4.8884

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.6790, 16.9203, -13.7505 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(11, 28, 61)` looks like.

```
.text, #text, p{  
    color:rgb(11, 28, 61)  
}
```

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(11, 28, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 28, 61) }
```

Border

The CSS property to change the border of an element to YUV 26.6790, 16.9203, -13.7505 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(11, 28, 61) }
```


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

```
.border{ border-color:rgb(11, 28, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 28, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 28, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 28, 61);  
box-shadow:4px 4px 4px 4px rgb(11, 28, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.6790, 16.9203, -13.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 28, 61) }
```

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

```
.background{ background-color: rgb(11, 28,  
61) }
```

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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