

Converting Colors

YUV(26.0650, 34.9710,
-16.7200)

Have a look what the booklet for
YUV(26.0650, 34.9710, -16.7200)
contains.

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Color

**YUV(26.0650, 34.9710,
-16.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	071661
RGB	7, 22, 97
RGB Percent	3%, 9%, 38%
CMY	0.9725, 0.9137, 0.6196
CMYK	0.93, 0.77, 0.00, 0.62
HSL	230°, 87%, 20%
HSV	230°, 93%, 38%
XYZ	2.5322, 1.4821, 11.4619
YIQ	26.0650, -33.0150, 20.1450

Conversions

Conversions Part 2

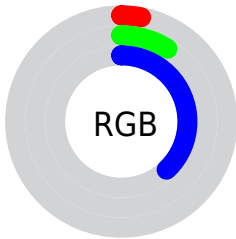
Format	Color
R_{YB}	7, 20, 97
Decimal	464481
CIE _{Lab}	12.49, 26.52, -45.31
CIE _{LCh}	12, 52.496, 300.339
Yxy	1.4821, 0.1636, 0.0958
Android (android.graphics.Color)	4278654561 (0xFF071661)
YUV	26.0650, 34.9710, -16.7200
Hunter-Lab	12.1740, 15.8237, -47.3001

Details

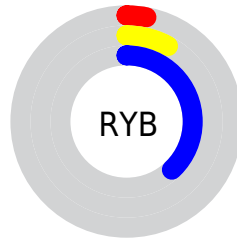
The YUV color **26.0650, 34.9710, -16.7200** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **77.9350, -34.9710, 16.7200**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.6690, 35.6592, -4.0947**, and **7.9340, 20.2455, -6.9581** is the 20% darker color. If you saturate the color by 10%, you get **20.4500, 37.7391, -17.9346**, and if you desaturate by 10%, it is **33.7510, 31.1818, -14.6906**.

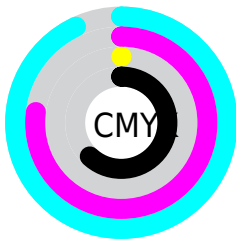
Distribution



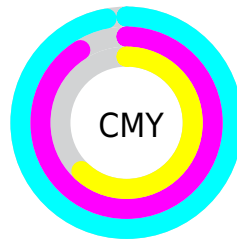
- Red (3%)
- Green (9%)
- Blue (38%)



- Red (3%)
- Yellow (8%)
- Blue (38%)



- Cyan (93%)
- Magenta (77%)
- Yellow (0%)
- Black (62%)



- Cyan (97%)
- Magenta (91%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.0650, 34.9710, -16.7200 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 26.0650, 34.9710, -16.7200 by changing the saturation by 10% instead.

■ 26.0650, 34.9710,
-16.7200

■ 26.0650, 34.9710,
-16.7200

■ 251.4780, 1.7363,
3.0888

■ 8.3220, 31.8863,
-7.2984

■ 76.6690, 35.6592,
-4.0947

■ 7.9340, 20.2455,
-6.9581

■ 101.9080, 36.5274,
-2.5503

■ 3.6650, 11.5042,
-3.2142

■ 127.1470, 37.3955,
-1.0059

■ 0.0000, 0.0000,
0.0000

■ 153.7880, 38.5585,
-0.6911

■ 180.0440, 36.9533,
0.8384

■ 204.5640, 24.8649,

4.7674

■ 229.6710, 12.4872,
8.1815

■ 26.0650, 34.9710,
-16.7200

■ 26.0650, 34.9710,
-16.7200

■ 20.4500, 37.7391,
-17.9346

■ 33.7510, 31.1818,
-14.6906

■ 41.1380, 27.5400,
-13.2760

■ 48.8240, 23.7508,
-11.2466

■ 56.5100, 19.9616,
-9.2173

■ 63.8970, 16.3198,
-7.8027

■ 72.1700, 12.2412,
-6.2881

■ 79.8560, 8.4520,
-4.2587

■ 87.5420, 4.6628,
-2.2293

■ 94.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



35.2050, 35.8879, -30.8748



26.0650, 34.9710, -16.7200



29.6930, 19.3784, 37.9802

Triad

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



26.0650, 34.9710, -16.7200



27.3760, -13.4964, 35.6272



31.2370, 0.3762, -27.3948

Complementary

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



26.0650, 34.9710, -16.7200



77.9350, -34.9710, 16.7200

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.



26.4150, -13.0226, -23.1660



26.0650, 34.9710, -16.7200



31.0430, -15.3042, 8.7323

Square

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



26.0650, 34.9710, -16.7200



26.0130, -12.8244, 53.4856



23.4800, -11.5756, -20.5920



35.4550, 16.5377, -31.0940

Rectangle

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



26.0650, 34.9710, -16.7200



31.2570, 7.2683, 48.8866



23.4800, -11.5756, -20.5920



29.1680, -5.0128, -25.5803

Sweetspot

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



26.0650, 34.9710, -16.7200



97.5120, 13.5516, -6.5880



68.3800, 6.7147, -53.8303



46.8560, 8.4520, -4.2587



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



26.0650, 34.9710, -16.7200



26.5770, 48.5225, -23.3080



26.2300, 34.8896, 9.4453



44.4560, 1.7472, -0.3999



23.9210, 43.4229, -20.9787



50.8400, 93.2559, -44.5867

Inverse Universe

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



35.6200, -6.7147, 53.8303



39.7690, -9.2531, 74.7476



77.7700, -34.8896, -9.4453



45.1960, -0.5896, 2.4591



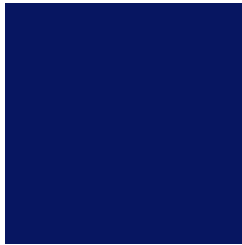
35.6540, -8.2104, 66.9554



76.3200, -17.9058, 143.5474

Previews

White Background



This preview shows how the YUV color 26.0650, 34.9710, -16.7200 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



This preview shows how the YUV color 26.0650, 34.9710, -16.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

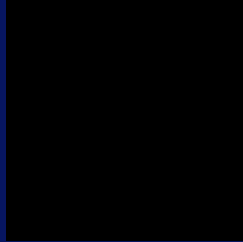
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.0650, 34.9710, -16.7200

Background



This preview shows how black text looks on a background with the YUV color 26.0650, 34.9710, -16.7200.



This preview shows how white text looks on a background with the YUV color 26.0650, 34.9710,

-16.7200.

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

26.0650, 34.9710, -16.7200

Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.2710, 15.6424, -23.9167

Trichromacy



Original Color

26.0650, 34.9710, -16.7200

Protanomaly

26.9260, 25.6725, -20.9831

Deuteranomaly

26.8290, 22.7623, -20.8980

Monochromacy



Original Color

26.0650, 34.9710, -16.7200

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.2840, 12.6780, -6.3881

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.0650, 34.9710, -16.7200 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(7, 22, 97)` looks like.

```
.text, #text, p{  
    color:rgb(7, 22, 97)  
}
```

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(7, 22, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 22, 97) }
```

Border

The CSS property to change the border of an element to YUV 26.0650, 34.9710, -16.7200 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(7, 22, 97) }
```

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

```
.border{ border-color:rgb(7, 22, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 22, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 22, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 22, 97); box-shadow:4px  
4px 4px 4px rgb(7, 22, 97) }
```


Background

The CSS property to change the background color of an element to YUV 26.0650, 34.9710, -16.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 22, 97) }
```

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

```
.background{ background-color: rgb(7, 22,  
97) }
```

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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