

Converting Colors

YUV(85.0200, 26.1191,
-71.0545)

Have a look what the booklet for
YUV(85.0200, 26.1191, -71.0545)
contains.

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Color

**YUV(85.0200, 26.1191,
-71.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	04748A
RGB	4, 116, 138
RGB Percent	2%, 45%, 54%
CMY	0.9843, 0.5451, 0.4588
CMYK	0.97, 0.16, 0.00, 0.46
HSL	190°, 94%, 28%
HSV	190°, 97%, 54%
XYZ	10.8829, 14.3516, 26.2413
YIQ	85.0200, -73.8140, -16.9020

Conversions

Conversions Part 2

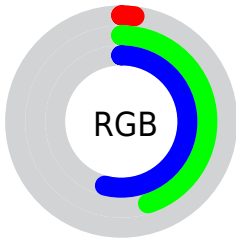
Format	Color
RYB	4, 65, 138
Decimal	291978
CIELab	44.73, -18.99, -19.75
CIElCh	45, 27.396, 226.131
Yxy	14.3516, 0.2114, 0.2788
Android (android.graphics.Color)	4278482058 (0xFF04748A)
YUV	85.0200, 26.1191, -71.0545
Hunter-Lab	37.8835, -15.0178, -14.5508

Details

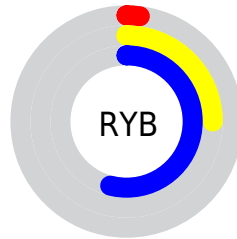
The YUV color **85.0200, 26.1191, -71.0545** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **56.9800, -26.1191, 71.0545**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2070, 22.5759, -54.5555**, and **49.9480, 18.7596, -43.8044** is the 20% darker color. If you saturate the color by 10%, you get **83.2370, 26.9982, -72.9988**, and if you desaturate by 10%, it is **90.3800, 23.4767, -63.4773**.

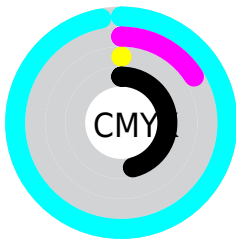
Distribution



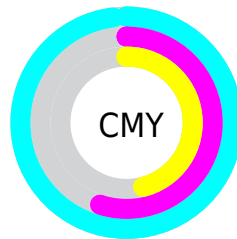
- Red (2%)
- Green (45%)
- Blue (54%)



- Red (2%)
- Yellow (25%)
- Blue (54%)



- Cyan (97%)
- Magenta (16%)
- Yellow (0%)
- Black (46%)



- Cyan (98%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0200, 26.1191, -71.0545 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 85.0200, 26.1191, -71.0545 by changing the saturation by 10% instead.

■ 85.0200, 26.1191,
-71.0545

■ 85.0200, 26.1191,
-71.0545

■ 255.0000, 0.0000,
0.0000

■ 66.2990, 23.0236,
-58.1442

■ 145.2070, 22.5759,
-54.5555

■ 49.9480, 18.7596,
-43.8044

■ 173.5060, 22.4285,
-53.9408

■ 33.8250, 15.3693,
-29.6645

■ 201.9190, 22.7179,
-53.4260

■ 20.0500, 10.8214,
-17.5838

■ 227.8240, 13.3978,
-50.7116

■ 3.0950, 9.3202,
-2.7143

■ 238.2560, 8.2548,
-34.4275

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,

-16.5990

■ 85.0200, 26.1191,
-71.0545

■ 85.0200, 26.1191,
-71.0545

■ 83.2370, 26.9982,
-72.9988

■ 90.3800, 23.4767,
-63.4773

■ 96.3270, 20.5448,
-56.4148

■ 101.3880, 18.0497,
-49.4523

■ 106.7480, 15.4072,
-41.8750

■ 112.1080, 12.7648,
-34.2977

■ 118.0550, 9.8329,
-27.2352

■ 123.4150, 7.1904,
-19.6580

■ 128.4760, 4.6953,
-12.6955

■ 133.8360, 2.0529,
-5.1182

Harmonies

Analogous

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



87.2030, 15.1829, -63.3220



85.0200, 26.1191, -71.0545



98.1040, 25.5847, -39.5562

Triad

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



85.0200, 26.1191, -71.0545



108.6370, 4.1230, 31.0134



102.6420, -20.5295, 4.6990

Complementary

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



85.0200, 26.1191, -71.0545



56.9800, -26.1191, 71.0545

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.



105.2250, -21.3099, 21.7277



85.0200, 26.1191, -71.0545



107.2220, -6.5184, 37.5163

Square

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



85.0200, 26.1191, -71.0545



108.5730, 14.5075, 13.5295



106.3820, -15.9643, 33.8680



100.0570, -13.3391, -14.9590

Rectangle

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



85.0200, 26.1191, -71.0545



103.3560, 23.4885, -20.4832



106.3820, -15.9643, 33.8680



103.7460, -21.5668, 10.7468

Sweetspot

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



85.0200, 26.1191, -71.0545



158.1690, 10.2697, -27.3352



84.9380, -30.0424, -70.9826



76.7960, 6.0166, -16.4841



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



85.0200, 26.1191, -71.0545



107.8690, 35.0676, -94.6011



46.8650, 44.9296, -37.5926



66.3200, 1.3212, -3.7886



80.3190, 25.9717, -70.4398



2.9180, 1.0264, -2.5591

Inverse Universe

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



56.8340, 29.1688, 71.1826



70.5070, 38.6970, 95.1484



95.1350, -44.9296, 37.5926



64.7770, 1.5889, 3.7036



52.4210, 28.8794, 70.6678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 85.0200, 26.1191, -71.0545 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 × Fail

Black Background



This preview shows how the YUV color 85.0200, 26.1191, -71.0545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

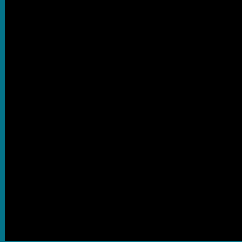
Any Text WCAG AA × Fail

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 85.0200, 26.1191, -71.0545 Background



This preview shows how black text looks on a background with the YUV color 85.0200, 26.1191, -71.0545.

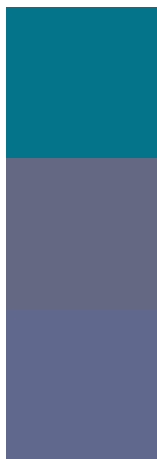


This preview shows how white text looks on a background with the YUV color 85.0200, 26.1191,

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

85.0200, 26.1191, -71.0545

Protanopia

105.7680, 11.9464, -5.0585

Deuteranopia

105.8260, 17.3408, -8.6174



Tritanopia

83.1570, 21.6146, -72.9287

Trichromacy



Original Color

85.0200, 26.1191, -71.0545

Protanomaly

97.9930, 17.2585, -28.9349

Deuteranomaly

98.1930, 20.6109, -30.8643

Tritanomaly

83.9120, 23.2144, -72.7138

Monochromacy



Original Color

85.0200, 26.1191, -71.0545

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9520, 9.3907, -25.3909

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0200, 26.1191, -71.0545 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, 116, 138)` looks like.

```
.text, #text, p{  
    color:rgb(4, 116, 138)  
}
```

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, 116, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 116, 138) }
```

Border

The CSS property to change the border of an element to YUV 85.0200, 26.1191, -71.0545 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, 116, 138) }
```


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

```
.border{ border-color:rgb(4, 116, 138) }
```

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

Here you see how a box with a 4 pixel rgb(4, 116, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 116, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 116, 138);  
box-shadow:4px 4px 4px 4px rgb(4, 116,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 85.0200, 26.1191, -71.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 116, 138) }
```

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

```
.background{ background-color: rgb(4, 116,  
138) }
```

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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