

Converting Colors

YUV(75.0530, 26.1029,
-65.8215)

Have a look what the booklet for
YUV(75.0530, 26.1029, -65.8215)
contains.

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Color

**YUV(75.0530, 26.1029,
-65.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	006780
RGB	0, 103, 128
RGB Percent	0%, 40%, 50%
CMY	1.0000, 0.5961, 0.4980
CMYK	1.00, 0.20, 0.00, 0.50
HSL	192°, 100%, 25%
HSV	192°, 100%, 50%
XYZ	8.7465, 11.2590, 22.1343
YIQ	75.0530, -69.4130, -14.0610

Conversions

Conversions Part 2

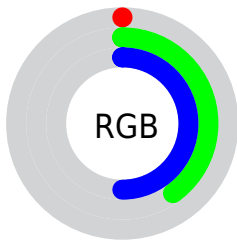
Format	Color
RYB	0, 57, 128
Decimal	26496
CIELab	40.01, -15.70, -21.02
CIELCh	40, 26.238, 233.248
Yxy	11.2590, 0.2076, 0.2672
Android (android.graphics.Color)	4278216576 (0xFF006780)
YUV	75.0530, 26.1029, -65.8215
Hunter-Lab	33.5544, -12.1913, -15.6227

Details

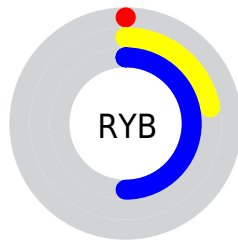
The YUV color **75.0530, 26.1029, -65.8215** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **52.9470, -26.1029, 65.8215**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3540, 22.9965, -49.4225**, and **41.8780, 18.3011, -36.7270** is the 20% darker color. If you saturate the color by 10%, you get **75.0530, 26.1029, -65.8215**, and if you desaturate by 10%, it is **80.7010, 23.3184, -59.3738**.

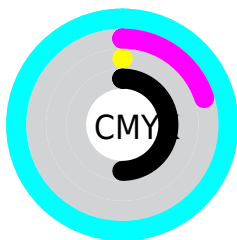
Distribution



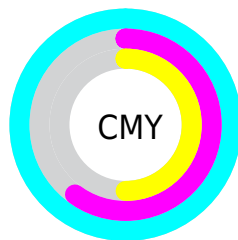
- Red (0%)
- Green (40%)
- Blue (50%)



- Red (0%)
- Yellow (22%)
- Blue (50%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0530, 26.1029, -65.8215 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 75.0530, 26.1029, -65.8215 by changing the saturation by 10% instead.

■ 75.0530, 26.1029,
-65.8215

■ 75.0530, 26.1029,
-65.8215

■ 255.0000, 0.0000,
0.0000

■ 58.1150, 22.1283,
-50.9669

■ 134.3540, 22.9965,
-49.4225

■ 41.8780, 18.3011,
-36.7270

■ 161.9520, 22.7017,
-48.1929

■ 26.3420, 14.6214,
-23.1019

■ 190.0660, 23.1385,
-48.2929

■ 5.1640, 14.7091,
-4.5288

■ 217.2250, 18.6231,
-46.6783

■ 1.0260, 3.9312,
-0.8998

■ 236.1630, 9.2866,
-38.7310

■ 0.0000, 0.0000,
0.0000

■ 245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

75.0530, 26.1029,
-65.8215

80.7010, 23.3184,
-59.3738

85.7620, 20.8233,
-52.4113

91.1110, 18.1863,
-46.5783

96.1720, 15.6912,
-39.6158

101.8200, 12.9067,
-33.1681

■ 106.8810, 10.4117,
-26.2056

■ 112.5290, 7.6272,
-19.7579

■ 117.2910, 5.2795,
-13.4102

■ 122.9390, 2.4951,
-6.9625

Harmonies

Analogous

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



74.1750, 17.6617, -65.0515



75.0530, 26.1029, -65.8215



88.8770, 23.2316, -31.4641

Triad

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



75.0530, 26.1029, -65.8215



96.6540, 1.6496, 30.9984



90.8910, -18.1873, 0.0956

Complementary

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



75.0530, 26.1029, -65.8215



52.9470, -26.1029, 65.8215

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.



92.7190, -20.5675, 16.9094



75.0530, 26.1029, -65.8215



95.3420, -8.5496, 35.6571

Square

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



75.0530, 26.1029, -65.8215



97.3840, 11.1497, 17.2032



94.5340, -16.5323, 29.3497



87.9470, -9.8339, -19.2475

Rectangle

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



75.0530, 26.1029, -65.8215



93.4170, 20.9934, -13.5207



94.5340, -16.5323, 29.3497



91.8810, -19.6613, 6.2434

Sweetspot

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



75.0530, 26.1029, -65.8215



145.1800, 10.2643, -25.5909



77.7580, -26.9957, -68.1938



71.5080, 6.1586, -15.3545



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



75.0530, 26.1029, -65.8215



96.9950, 34.0195, -85.0646



38.6590, 44.0451, -33.9039



61.3200, 1.3212, -3.7886



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.0140, 26.1221, 68.3937



64.7960, 33.6246, 88.7559



89.3410, -44.0451, 33.9039



59.7770, 1.5889, 3.7036



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.0530, 26.1029, -65.8215 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 75.0530, 26.1029, -65.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

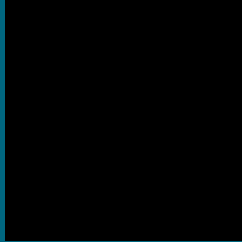
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.0530, 26.1029, -65.8215

Background



This preview shows how black text looks on a background with the YUV color 75.0530, 26.1029, -65.8215.

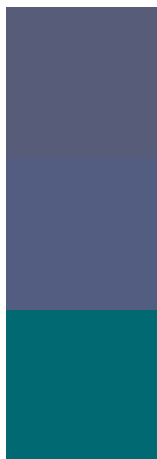


This preview shows how white text looks on a background with the YUV color 75.0530, 26.1029, -65.8215.

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

94.3980, 13.1148, -6.4880

Deuteranopia

94.2280, 17.6356, -9.8470

Tritanopia

74.5170, 18.9721, -65.3514

Trichromacy



Protanomaly

87.5200, 17.9846, -28.5200

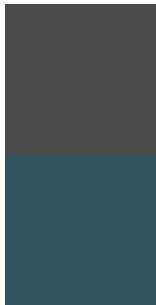
Deuteranomaly

87.4920, 20.4634, -30.2495

Tritanomaly

74.5000, 21.4455, -65.3365

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9630, 9.3852, -23.6466

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0530, 26.1029, -65.8215 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, 103, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 128)  
}
```

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, 103, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 128) }
```

Border

The CSS property to change the border of an element to YUV 75.0530, 26.1029, -65.8215 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, 103, 128) }
```

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

```
.border{ border-color:rgb(0, 103, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 103, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 75.0530, 26.1029, -65.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 128) }
```

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

```
.background{ background-color: rgb(0, 103,  
128) }
```

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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