

Converting Colors

YUV(82.4560, 21.4672,
-72.3139)

Have a look what the booklet for
YUV(82.4560, 21.4672, -72.3139)
contains.

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Color

**YUV(82.4560, 21.4672,
-72.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	00747E
RGB	0, 116, 126
RGB Percent	0%, 45%, 49%
CMY	1.0000, 0.5451, 0.5059
CMYK	1.00, 0.08, 0.00, 0.51
HSL	185°, 100%, 25%
HSV	185°, 100%, 49%
XYZ	10.0113, 13.9971, 21.9127
YIQ	82.4560, -72.3460, -21.4820

Conversions

Conversions Part 2

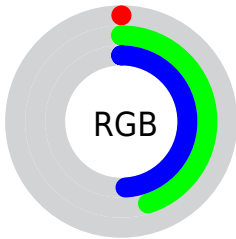
Format	Color
RYB	0, 60, 126
Decimal	29822
CIELab	44.23, -23.48, -13.36
CIELCh	44, 27.012, 209.646
Yxy	13.9971, 0.2180, 0.3048
Android (android.graphics.Color)	4278219902 (0xFF00747E)
YUV	82.4560, 21.4672, -72.3139
Hunter-Lab	37.4128, -17.7075, -8.5374

Details

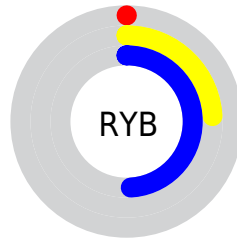
The YUV color **82.4560, 21.4672, -72.3139** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **43.5440, -21.4672, 72.3139**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9420, 17.7766, -55.2001**, and **48.1070, 14.2442, -42.1898** is the 20% darker color. If you saturate the color by 10%, you get **82.4560, 21.4672, -72.3139**, and if you desaturate by 10%, it is **86.9300, 19.2615, -64.8366**.

Distribution



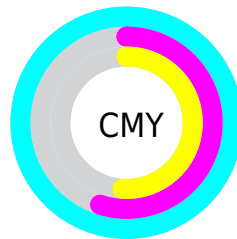
- Red (0%)
- Green (45%)
- Blue (49%)



- Red (0%)
- Yellow (24%)
- Blue (49%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.4560, 21.4672, -72.3139 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 82.4560, 21.4672, -72.3139 by changing the saturation by 10% instead.

82.4560, 21.4672,
-72.3139

82.4560, 21.4672,
-72.3139

255.0000, 0.0000,
0.0000

64.9310, 17.7820,
-56.9445

142.9420, 17.7766,
-55.2001

48.1070, 14.2442,
-42.1898

171.1270, 17.1924,
-54.4854

32.5710, 10.5645,
-28.5648

199.1270, 17.1924,
-54.4854

17.8500, 7.4690,
-15.6544

227.2150, 13.6980,
-53.6856

0.9120, 3.4944,
-0.7998

237.0600, 8.8444,
-36.8866

0.0000, 0.0000,
0.0000

245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 82.4560, 21.4672,
-72.3139

■ 86.9300, 19.2615,
-64.8366

■ 91.1050, 17.2032,
-57.9741

■ 95.5790, 14.9976,
-50.4968

■ 99.7540, 12.9393,
-43.6343

■ 104.2280, 10.7336,
-36.1570

■ 108.7020, 8.5279,
-28.6797

■ 112.8770, 6.4696,
-21.8171

■ 117.3510, 4.2640,
-14.3398

■ 121.5260, 2.2057,
-7.4773

Harmonies

Analogous

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



91.3100, 6.2562, -46.7529



82.4560, 21.4672, -72.3139



91.3040, 25.4861, -54.6406

Triad

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



82.4560, 21.4672, -72.3139



107.7760, 9.9704, 22.1214



102.7680, -21.5776, 14.2355

Complementary

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



82.4560, 21.4672, -72.3139



43.5440, -21.4672, 72.3139

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.



104.5510, -19.0056, 29.3348



82.4560, 21.4672, -72.3139



106.8070, -0.3979, 34.3723

Square

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



82.4560, 21.4672, -72.3139



106.5220, 18.4767, 0.4192



105.7720, -10.7336, 36.1570



100.6840, -17.5922, -4.1079

Rectangle

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



82.4560, 21.4672, -72.3139



98.1970, 24.5529, -35.2528



105.7720, -10.7336, 36.1570



103.8010, -21.5939, 19.4685

Sweetspot

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



82.4560, 21.4672, -72.3139



146.0010, 8.3805, -28.0649



74.8740, -32.9689, -65.6645



71.2690, 5.2904, -16.8989



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



82.4560, 21.4672, -72.3139



106.6320, 27.7894, -93.5163



46.6490, 39.1200, -40.9112



61.3200, 1.3212, -3.7886



83.2710, 22.0514, -73.0287



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.8980, 32.0953, 65.8645



65.8370, 41.4924, 85.2120



79.3510, -39.1200, 40.9112



59.7770, 1.5889, 3.7036



51.6100, 32.2373, 66.9940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 82.4560, 21.4672, -72.3139 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 82.4560, 21.4672, -72.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

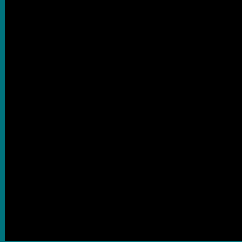
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.4560, 21.4672, -72.3139

Background



This preview shows how black text looks on a background with the YUV color 82.4560, 21.4672, -72.3139.



This preview shows how white text looks on a background with the YUV color 82.4560, 21.4672,

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

82.4560, 21.4672, -72.3139

Protanopia

104.9980, 6.4100, -2.6292

Deuteranopia

105.0780, 11.7935, -2.6994



Tritanopia

82.3420, 21.0304, -72.2139

Trichromacy



Original Color

82.4560, 21.4672, -72.3139

Protanomaly

96.6250, 12.0169, -27.7351

Deuteranomaly

96.8360, 15.3639, -27.9202

Tritanomaly

82.3420, 21.0304, -72.2139

Monochromacy



Original Color

82.4560, 21.4672, -72.3139

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8980, 7.9383, -26.2205

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.4560, 21.4672, -72.3139 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, 116, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 126)  
}
```

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, 116, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 126) }
```

Border

The CSS property to change the border of an element to YUV 82.4560, 21.4672, -72.3139 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, 116, 126) }
```


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

```
.border{ border-color:rgb(0, 116, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 116, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 82.4560, 21.4672, -72.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 126) }
```

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

```
.background{ background-color: rgb(0, 116,  
126) }
```

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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