

Converting Colors

YUV(81.4590, 30.3397,
-71.4395)

Have a look what the booklet for
YUV(81.4590, 30.3397, -71.4395)
contains.

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Color

**YUV(81.4590, 30.3397,
-71.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	006F8F
RGB	0, 111, 143
RGB Percent	0%, 44%, 56%
CMY	1.0000, 0.5647, 0.4392
CMYK	1.00, 0.22, 0.00, 0.44
HSL	193°, 100%, 28%
HSV	193°, 100%, 56%
XYZ	10.6424, 13.3520, 28.0029
YIQ	81.4590, -76.4280, -13.5800

Conversions

Conversions Part 2

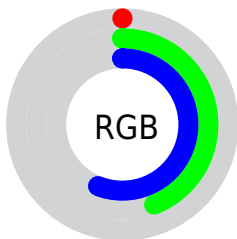
Format	Color
R_{YB}	0, 62, 143
Decimal	28559
CIE _{Lab}	43.29, -14.56, -24.97
CIE _{LCh}	43, 28.902, 239.742
Yxy	13.3520, 0.2047, 0.2568
Android (android.graphics.Color)	4278218639 (0xFF006F8F)
YUV	81.4590, 30.3397, -71.4395
Hunter-Lab	36.5405, -11.9579, -19.8588

Details

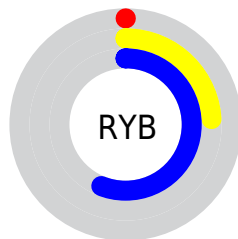
The YUV color **81.4590, 30.3397, -71.4395** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **61.5410, -30.3397, 71.4395**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9560, 26.6437, -52.5814**, and **47.5830, 22.3906, -41.7303** is the 20% darker color. If you saturate the color by 10%, you get **81.4590, 30.3397, -71.4395**, and if you desaturate by 10%, it is **87.4060, 27.4078, -64.3771**.

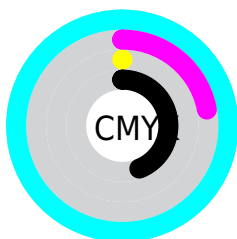
Distribution



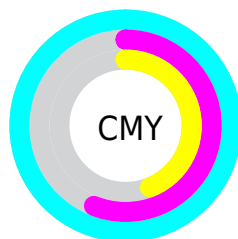
- Red (0%)
- Green (44%)
- Blue (56%)



- Red (0%)
- Yellow (24%)
- Blue (56%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4590, 30.3397, -71.4395 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 81.4590, 30.3397, -71.4395 by changing the saturation by 10% instead.

81.4590, 30.3397,
-71.4395

81.4590, 30.3397,
-71.4395

255.0000, 0.0000,
0.0000

64.4070, 25.9283,
-56.4849

142.9560, 26.6437,
-52.5814

47.5830, 22.3906,
-41.7303

170.6680, 26.7857,
-51.4518

31.9330, 18.2740,
-28.0052

199.0810, 27.0751,
-50.9370

18.1580, 13.7261,
-15.9246

224.0030, 15.2815,
-48.2376

3.4370, 10.6306,
-3.0142

238.2560, 8.2548,
-34.4275

0.0000, 0.0000,
0.0000

246.9270, 3.9800,

-16.5990

■ 81.4590, 30.3397,
-71.4395

■ 87.4060, 27.4078,
-64.3771

■ 93.6520, 24.3286,
-56.6998

■ 100.1860, 21.1073,
-50.1521

■ 106.1330, 18.1754,
-43.0896

■ 112.3790, 15.0962,
-35.4124

■ 118.3260, 12.1643,
-28.3499

■ 124.2730, 9.2324,
-21.2874

■ 130.8070, 6.0111,
-14.7397

■ 137.0530, 2.9319,
-7.0625

Harmonies

Analogous

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



81.1680, 21.6092, -71.1843



81.4590, 30.3397, -71.4395



98.1700, 25.5522, -29.0901

Triad

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



81.4590, 30.3397, -71.4395



104.1170, -0.5507, 36.7314



98.0430, -18.7552, -4.4227

Complementary

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



81.4590, 30.3397, -71.4395



61.5410, -30.3397, 71.4395

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.



100.7250, -23.0354, 15.1502



81.4590, 30.3397, -71.4395



102.9680, -11.3232, 38.6161

Square

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



81.4590, 30.3397, -71.4395



105.6020, 10.5492, 23.1510



102.0350, -19.7373, 30.6643



94.2450, -8.5018, -26.5249

Rectangle

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



81.4590, 30.3397, -71.4395



102.3790, 21.9982, -9.1024



102.0350, -19.7373, 30.6643



99.1040, -21.2503, 2.5398

Sweetspot

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



81.4590, 30.3397, -71.4395



162.2120, 11.7275, -28.2499



87.4750, -27.8422, -76.7156



79.7250, 7.0376, -17.2988



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



81.4590, 30.3397, -71.4395



105.7320, 39.5721, -92.7270



40.3690, 50.5971, -35.4036



68.3200, 1.3212, -3.7886



77.0250, 28.5817, -67.5509



4.4340, 1.7580, -3.8886

Inverse Universe

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



55.4110, 27.4054, 76.8156



72.0300, 35.4812, 99.9517



102.6310, -50.5971, 35.4036



66.7770, 1.5889, 3.7036



52.3350, 25.9638, 72.4972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 81.4590, 30.3397, -71.4395 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 81.4590, 30.3397, -71.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

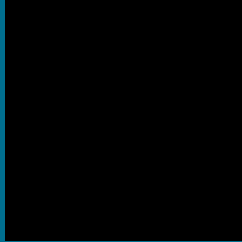
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4590, 30.3397, -71.4395

Background



This preview shows how black text looks on a background with the YUV color 81.4590, 30.3397, -71.4395.

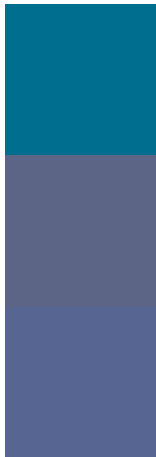


This preview shows how white text looks on a background with the YUV color 81.4590, 30.3397, -71.4395.

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

81.4590, 30.3397, -71.4395

Protanopia

102.4840, 16.0304, -8.3175

Deuteranopia

101.5310, 21.4302, -13.6207



Tritanopia

80.8260, 20.2988, -70.8844

Trichromacy



Original Color

81.4590, 30.3397, -71.4395

Protanomaly

95.0080, 21.1951, -31.5790

Deuteranomaly

94.4960, 24.4055, -34.6380

Tritanomaly

81.1510, 24.0826, -71.1694

Monochromacy



Original Color

81.4590, 30.3397, -71.4395

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.4080, 11.1379, -25.7908

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4590, 30.3397, -71.4395 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, 111, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 143)  
}
```

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, 111, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 143) }
```

Border

The CSS property to change the border of an element to YUV 81.4590, 30.3397, -71.4395 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, 111, 143) }
```


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

```
.border{ border-color:rgb(0, 111, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 81.4590, 30.3397, -71.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 143) }
```

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

```
.background{ background-color: rgb(0, 111,  
143) }
```

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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