

Converting Colors

YUV(80.4640, 22.9422,
-31.9789)

Have a look what the booklet for
YUV(80.4640, 22.9422, -31.9789)
contains.

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Color

**YUV(80.4640, 22.9422,
-31.9789)**

Conversions

Conversions Part 1

Format	Color
Hex	2C5A7F
RGB	44, 90, 127
RGB Percent	17%, 35%, 50%
CMY	0.8275, 0.6471, 0.5020
CMYK	0.65, 0.29, 0.00, 0.50
HSL	207°, 49%, 34%
HSV	207°, 65%, 50%
XYZ	8.5256, 9.3801, 21.4399
YIQ	80.4640, -39.2930, 1.7550

Conversions

Conversions Part 2

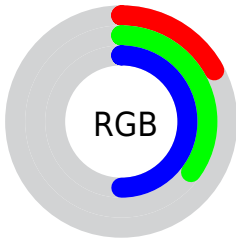
Format	Color
RYB	44, 74, 127
Decimal	2906751
CIELab	36.71, -3.36, -25.48
CIElCh	37, 25.703, 262.486
Yxy	9.3801, 0.2167, 0.2384
Android (android.graphics.Color)	4281096831 (0xFF2C5A7F)
YUV	80.4640, 22.9422, -31.9789
Hunter-Lab	30.6270, -3.9081, -20.0660




Details

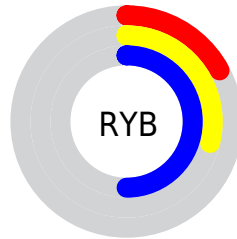
The YUV color **80.4640, 22.9422, -31.9789** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **90.5360, -22.9422, 31.9789**, and the grayscale version is **80.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **132.0020, 23.6630, -29.8198**, and **35.3070, 21.0476, -30.9642** is the 20% darker color. If you saturate the color by 10%, you get **73.0550, 26.5949, -36.8822**, and if you desaturate by 10%, it is **87.8730, 19.2896, -27.0756**.

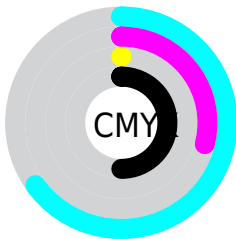
Distribution







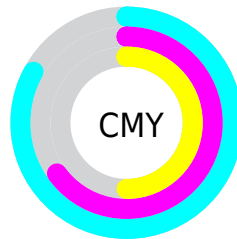
-  Red (17%)
-  Green (35%)
-  Blue (50%)






-  Red (17%)
-  Yellow (29%)
-  Blue (50%)



-  Cyan (65%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (83%)
-  Magenta (65%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4640, 22.9422, -31.9789 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 80.4640, 22.9422, -31.9789 by changing the saturation by 10% instead.

■ 80.4640, 22.9422,
-31.9789

■ 80.4640, 22.9422,
-31.9789

■ 255.0000, 0.0000,
0.0000

■ 53.6480, 23.8375,
-39.1563

■ 132.0020, 23.6630,
-29.8198

■ 35.3070, 21.0476,
-30.9642

■ 158.5290, 24.3892,
-29.4049

■ 20.3580, 17.0785,
-17.8540

■ 185.9420, 24.6786,
-28.8901

■ 4.9360, 13.8356,
-4.3289

■ 212.6170, 20.8948,
-28.6051

■ 0.6840, 2.6208,
-0.5999

■ 238.3110, 8.2277,
-25.7057

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 80.4640, 22.9422,
-31.9789

■ 80.4640, 22.9422,
-31.9789

■ 73.0550, 26.5949,
-36.8822

■ 87.8730, 19.2896,
-27.0756

■ 66.5320, 29.8107,
-41.6856

■ 94.3960, 16.0738,
-22.2723

■ 59.1230, 33.4634,
-46.5889

■ 101.8050, 12.4211,
-17.3690

■ 55.5680, 35.2160,
-48.7331

■ 109.2140, 8.7685,
-12.4657

■ 116.0360, 5.4053,
-7.0476

■ 123.1460, 1.9000,
-2.7590

■ 130.5550, -1.7526,
2.1443

■ 137.3770, -5.1159,
7.5624

■ 144.4870, -8.6211,
11.8509

Harmonies

Analogous

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



69.3310, 24.4868, -60.8033



80.4640, 22.9422, -31.9789



87.0760, 18.2035, -5.3287

Triad

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



80.4640, 22.9422, -31.9789



87.5590, -7.6706, 33.7128



80.5450, -10.1287, -18.0180

Complementary

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



80.4640, 22.9422, -31.9789



90.5360, -22.9422, 31.9789

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.



83.3040, -17.8979, 0.6104



80.4640, 22.9422, -31.9789



86.3490, -15.9481, 28.6349

Square

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



80.4640, 22.9422, -31.9789



88.3550, 1.7970, 30.3837



84.9470, -19.6939, 16.7095



74.7300, 2.5981, -40.1052

Rectangle

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



80.4640, 22.9422, -31.9789



89.0240, 13.7922, 9.6260



84.9470, -19.6939, 16.7095



81.1930, -12.9131, -11.5703

Sweetspot

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



80.4640, 22.9422, -31.9789



147.3280, 9.2053, -12.5657



96.8250, -8.2947, -46.3275



72.7370, 5.5527, -7.6623



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.



80.4640, 22.9422, -31.9789



93.0840, 35.9476, -50.0627



56.9840, 34.5179, -11.3870



60.1460, 1.9000, -2.7590



56.2690, 35.3634, -49.3479



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.0610, 7.8579, 46.4275



83.0780, 12.2865, 72.7226



114.0160, -34.5179, 11.3870



59.5490, 0.7153, 3.9035



46.3660, 12.1446, 71.5930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 80.4640, 22.9422, -31.9789 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 80.4640, 22.9422, -31.9789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

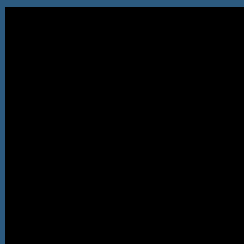
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

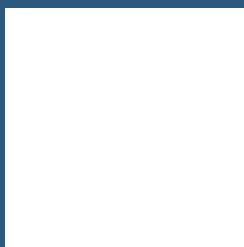
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 80.4640, 22.9422, -31.9789

Background



This preview shows how black text looks on a background with the YUV color 80.4640, 22.9422, -31.9789.



This preview shows how white text looks on a background with the YUV color 80.4640, 22.9422,

-31.9789.

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

80.4640, 22.9422, -31.9789

Protanopia

86.0430, 18.2198, -10.5617

Deuteranopia

85.1070, 21.1462, -15.8798



Tritanopia

76.3630, 12.6390, -40.6604

Trichromacy



Original Color

80.4640, 22.9422, -31.9789

Protanomaly

84.0420, 19.6993, -18.4538

Deuteranomaly

83.3020, 22.0361, -21.3129

Tritanomaly

77.7100, 16.4120, -37.4567

Monochromacy



Original Color

80.4640, 22.9422, -31.9789

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3990, 8.1843, -11.7509

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4640, 22.9422, -31.9789 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(44, 90, 127)` looks like.

```
.text, #text, p{  
    color:rgb(44, 90, 127)  
}
```

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(44, 90, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 90, 127) }
```

Border

The CSS property to change the border of an element to YUV 80.4640, 22.9422, -31.9789 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(44, 90, 127) }
```


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

```
.border{ border-color:rgb(44, 90, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 90, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 90, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 90, 127);  
box-shadow:4px 4px 4px 4px rgb(44, 90,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 80.4640, 22.9422, -31.9789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 90, 127) }
```

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

```
.background{ background-color: rgb(44, 90,  
127) }
```

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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