

Converting Colors

YUV(82.3780, 26.9286, -3.8395)

Have a look what the booklet for
YUV(82.3780, 26.9286, -3.8395)
contains.

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Color

**YUV(82.3780, 26.9286,
-3.8395)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4A89
RGB	78, 74, 137
RGB Percent	31%, 29%, 54%
CMY	0.6941, 0.7098, 0.4627
CMYK	0.43, 0.46, 0.00, 0.46
HSL	244°, 30%, 41%
HSV	244°, 46%, 54%
XYZ	10.1060, 8.3234, 24.7408
YIQ	82.3780, -17.8390, 20.4410

Conversions

Conversions Part 2

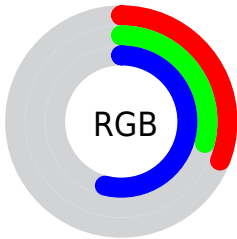
Format	Color
R_{YB}	78, 74, 137
Decimal	5130889
CIE _{Lab}	34.65, 18.57, -34.72
CIE _{LCh}	35, 39.372, 298.134
Yxy	8.3234, 0.2341, 0.1928
Android (android.graphics.Color)	4283320969 (0xFF4E4A89)
YUV	82.3780, 26.9286, -3.8395
Hunter-Lab	28.8503, 12.0390, -30.6495

Details

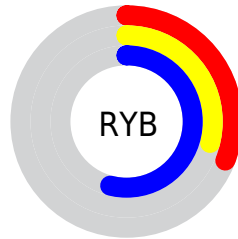
The YUV color **82.3780, 26.9286, -3.8395** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **128.6220, -26.9286, 3.8395**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8450, 28.6704, -2.4951**, and **35.3020, 25.4871, -8.1579** is the 20% darker color. If you saturate the color by 10%, you get **70.2730, 32.8964, -4.6244**, and if you desaturate by 10%, it is **94.4830, 20.9609, -3.0546**.

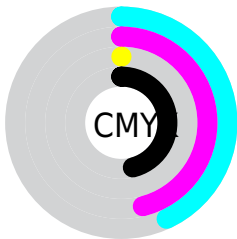
Distribution



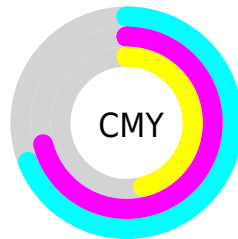
- Red (31%)
- Green (29%)
- Blue (54%)



- Red (31%)
- Yellow (29%)
- Blue (54%)



- Cyan (43%)
- Magenta (46%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (71%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3780, 26.9286, -3.8395 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 82.3780, 26.9286, -3.8395 by changing the saturation by 10% instead.

■ 82.3780, 26.9286,
-3.8395

■ 82.3780, 26.9286,
-3.8395

■ 255.0000, 0.0000,
0.0000

■ 58.4380, 25.9131,
-4.7691

■ 132.8450, 28.6704,
-2.4951

■ 35.3020, 25.4871,
-8.1579

■ 158.7850, 29.6860,
-1.5654

■ 11.8780, 25.2031,
-10.4170

■ 186.1980, 29.9754,
-1.0506

■ 6.3210, 16.6037,
-5.5435

■ 211.9180, 21.2394,
0.9489

■ 2.6390, 7.5730,
-2.3144

■ 237.0250, 8.8617,
4.3631

■ 0.0000, 0.0000,
0.0000

■ 82.3780, 26.9286,
-3.8395

■ 82.3780, 26.9286,
-3.8395

■ 70.2730, 32.8964,
-4.6244

■ 94.4830, 20.9609,
-3.0546

■ 58.7550, 38.5748,
-5.9241

■ 106.0010, 15.2825,
-1.7549

■ 46.9490, 44.3951,
-6.0943

■ 117.8070, 9.4621,
-1.5847

■ 34.8440, 50.3629,
-6.8792

■ 129.9120, 3.4944,
-0.7998

■ 23.3260, 56.0413,
-8.1789

■ 142.0170, -2.4734,
-0.0149

■ 18.3090, 58.5147,
-8.1640

■ 153.5350, -8.1518,
1.2848

■ 165.6400,
-14.1195, 2.0697

■ 177.7450,

-20.0873, 2.8546

■ 188.9640,
-25.6183, 3.5396

Harmonies

Analogous

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



66.8980, 38.0113, -58.6695



82.3780, 26.9286, -3.8395



83.3130, 15.6217, 29.5435

Triad

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



82.3780, 26.9286, -3.8395



79.2980, -25.2899, 38.3267



65.2440, 6.2887, -57.2190

Complementary

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



82.3780, 26.9286, -3.8395



128.6220, -26.9286, 3.8395

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.



66.8150, -9.7688, -40.1798



82.3780, 26.9286, -3.8395



77.2280, -32.6504, 19.0940

Square

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



82.3780, 26.9286, -3.8395



79.4040, -12.5242, 50.5117



74.3820, -26.3173, -5.5970



68.8920, 20.2662, -60.4183

Rectangle

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



82.3780, 26.9286, -3.8395



81.4090, 6.7004, 44.3683



74.3820, -26.3173, -5.5970



64.1040, 1.9207, -56.2192

Sweetspot

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



82.3780, 26.9286, -3.8395



157.1490, 10.7725, -1.8847



116.4020, 10.1548, -37.1866



76.0090, 6.4046, -0.8849



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.



82.3780, 26.9286, -3.8395



93.3790, 42.2112, -5.5944



91.6470, 22.3590, 15.2186



62.7980, 3.0576, -0.6998



17.5540, 56.9149, -8.3789



0.5700, 2.1840, -0.4999

Inverse Universe

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



99.5630, 16.4844, 32.8322



120.0890, 25.5921, 51.6649



119.3530, -22.3590, -15.2186



64.7770, 1.5889, 3.7036



53.9030, 34.5578, 69.3681



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 82.3780, 26.9286, -3.8395 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 82.3780, 26.9286, -3.8395 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 82.3780, 26.9286, -3.8395

Background



This preview shows how black text looks on a background with the YUV color 82.3780, 26.9286, -3.8395.



This preview shows how white text looks on a background with the YUV color 82.3780, 26.9286, -3.8395.

-3.8395.

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

82.3780, 26.9286, -3.8395

Protanopia

78.4080, 31.3509, -22.2828

Deuteranopia

77.2780, 28.4569, -27.4308



Tritanopia

79.4160, 5.7109, -11.7658

Trichromacy



Original Color

82.3780, 26.9286, -3.8395

Protanomaly

79.6970, 29.7294, -15.5203

Deuteranomaly

79.2190, 27.9930, -18.6091

Tritanomaly

80.2020, 13.7044, -8.9472

Monochromacy



Original Color

82.3780, 26.9286, -3.8395

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2200, 9.7515, -1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3780, 26.9286, -3.8395 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(78, 74, 137)` looks like.

```
.text, #text, p{  
    color:rgb(78, 74, 137)  
}
```

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(78, 74, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 74, 137) }
```

Border

The CSS property to change the border of an element to YUV 82.3780, 26.9286, -3.8395 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(78, 74, 137) }
```


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

```
.border{ border-color:rgb(78, 74, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 74, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 74, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 74, 137);  
box-shadow:4px 4px 4px 4px rgb(78, 74,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 82.3780, 26.9286, -3.8395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 74, 137) }
```

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

```
.background{ background-color: rgb(78, 74,  
137) }
```

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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