

Converting Colors

YUV(89.5780, 26.8300,
-18.9239)

Have a look what the booklet for
YUV(89.5780, 26.8300, -18.9239)
contains.

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Color

**YUV(89.5780, 26.8300,
-18.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	445A90
RGB	68, 90, 144
RGB Percent	27%, 35%, 56%
CMY	0.7333, 0.6471, 0.4353
CMYK	0.53, 0.37, 0.00, 0.44
HSL	223°, 36%, 42%
HSV	223°, 53%, 56%
XYZ	11.0741, 10.5549, 27.8392
YIQ	89.5780, -30.4460, 12.1300

Conversions

Conversions Part 2

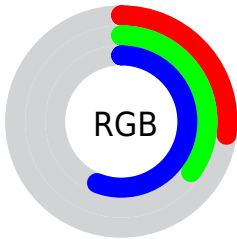
Format	Color
R_{YB}	68, 85, 144
Decimal	4479632
CIE _{Lab}	38.82, 7.91, -32.42
CIE _{LCh}	39, 33.373, 283.716
Yxy	10.5549, 0.2239, 0.2134
Android (android.graphics.Color)	4282669712 (0xFF445A90)
YUV	89.5780, 26.8300, -18.9239
Hunter-Lab	32.4883, 3.9898, -28.0637

Details

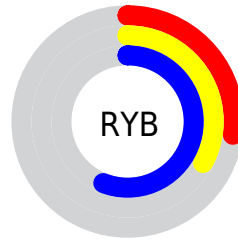
The YUV color **89.5780, 26.8300, -18.9239** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **122.4220, -26.8300, 18.9239**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9310, 28.1350, -17.4795**, and **39.1100, 26.5678, -28.1605** is the 20% darker color. If you saturate the color by 10%, you get **79.5220, 31.7877, -22.3828**, and if you desaturate by 10%, it is **99.6340, 21.8724, -15.4650**.

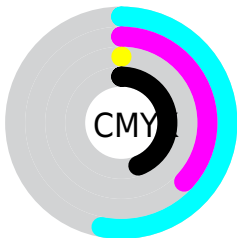
Distribution



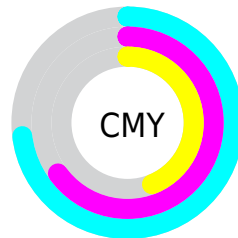
- Red (27%)
- Green (35%)
- Blue (56%)



- Red (27%)
- Yellow (33%)
- Blue (56%)



- Cyan (53%)
- Magenta (37%)
- Yellow (0%)
- Black (44%)



- Cyan (73%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5780, 26.8300, -18.9239 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 89.5780, 26.8300, -18.9239 by changing the saturation by 10% instead.

■ 89.5780, 26.8300,
-18.9239

■ 89.5780, 26.8300,
-18.9239

■ 255.0000, 0.0000,
0.0000

■ 65.0400, 26.1093,
-21.0831

■ 140.9310, 28.1350,
-17.4795

■ 39.1100, 26.5678,
-28.1605

■ 167.4580, 28.8612,
-17.0647

■ 22.5410, 22.9043,
-19.7685

■ 194.9850, 29.5874,
-16.6498

■ 5.9450, 20.2401,
-5.2138

■ 219.7930, 17.3571,
-13.8505

■ 3.4370, 10.6306,
-3.0142

■ 244.9000, 4.9793,
-10.4363

■ 0.0000, 0.0000,
0.0000

■ 89.5780, 26.8300,
-18.9239

■ 89.5780, 26.8300,
-18.9239

■ 79.5220, 31.7877,
-22.3828

■ 99.6340, 21.8724,
-15.4650

■ 69.1670, 36.8927,
-26.4565

■ 109.9890, 16.7674,
-11.3914

■ 58.5240, 42.1397,
-29.4005

■ 120.6320, 11.5204,
-8.4473

■ 48.1690, 47.2447,
-33.4742

■ 130.9870, 6.4154,
-4.3736

■ 41.0700, 50.7445,
-36.0184

■ 141.0430, 1.4578,
-0.9147

■ 151.0990, -3.4998,
2.5442

■ 162.0410, -8.8942,
6.1030

■ 172.0970,

-13.8518, 9.5619

■ 182.4520,
-18.9568, 13.6356

Harmonies

Analogous

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



73.8280, 34.1018, -64.7472



89.5780, 26.8300, -18.9239



93.8980, 18.2913, 13.2445

Triad

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



89.5780, 26.8300, -18.9239



90.9590, -17.7278, 39.5010



74.9800, 0.0099, -49.9715

Complementary

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



89.5780, 26.8300, -18.9239



122.4220, -26.8300, 18.9239

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.



83.9490, -16.2439, -16.6183



89.5780, 26.8300, -18.9239



90.2210, -25.2520, 26.1162

Square

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



89.5780, 26.8300, -18.9239



92.0810, -5.9559, 43.7790



87.6870, -25.4817, 6.4135



73.3770, 14.6041, -64.3516

Rectangle

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



89.5780, 26.8300, -18.9239



94.3470, 10.6749, 29.5137



87.6870, -25.4817, 6.4135



79.6460, -6.7275, -35.6465

Sweetspot

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



89.5780, 26.8300, -18.9239



164.7030, 10.4994, -7.6325



118.6540, 1.1566, -44.4236



81.5740, 6.1260, -4.8884



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.



89.5780, 26.8300, -18.9239



102.2960, 41.2661, -29.2006



81.1490, 30.9855, 1.6233



65.9720, 2.4788, -1.7294



38.2830, 47.6815, -33.5742



2.0860, 2.9156, -1.8294

Inverse Universe

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



93.2320, -1.5934, 44.5235



107.8590, -2.3955, 68.5297



130.8510, -30.9855, -1.6233



66.3210, -0.1583, 4.1035



44.8110, -2.8648, 79.0958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 89.5780, 26.8300, -18.9239 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 89.5780, 26.8300, -18.9239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

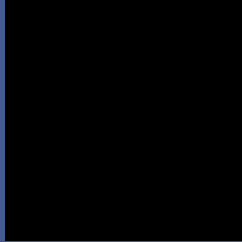
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5780, 26.8300, -18.9239

Background



This preview shows how black text looks on a background with the YUV color 89.5780, 26.8300, -18.9239.



This preview shows how white text looks on a background with the YUV color 89.5780, 26.8300,

-18.9239.

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

89.5780, 26.8300, -18.9239

Protanopia

89.7740, 26.2404, -16.4648

Deuteranopia

88.3710, 27.4251, -23.1274



Tritanopia

86.0550, 9.8329, -27.2352

Trichromacy



Original Color

89.5780, 26.8300, -18.9239

Protanomaly

89.4750, 26.3878, -17.0796

Deuteranomaly

88.9690, 27.1303, -21.8978

Tritanomaly

87.3850, 16.0792, -24.0166

Monochromacy



Original Color

89.5780, 26.8300, -18.9239

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8880, 9.9152, -6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5780, 26.8300, -18.9239 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(68, 90, 144)` looks like.

```
.text, #text, p{  
    color:rgb(68, 90, 144)  
}
```

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(68, 90, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 90, 144) }
```

Border

The CSS property to change the border of an element to YUV 89.5780, 26.8300, -18.9239 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(68, 90, 144) }
```


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

```
.border{ border-color:rgb(68, 90, 144) }
```

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

Here you see how a box with a 4 pixel rgb(68, 90, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 90, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 90, 144);  
box-shadow:4px 4px 4px 4px rgb(68, 90,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 89.5780, 26.8300, -18.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 90, 144) }
```

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

```
.background{ background-color: rgb(68, 90,  
144) }
```

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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