

Converting Colors

YUV(68.5980, 26.3272,
-44.3744)

Have a look what the booklet for
YUV(68.5980, 26.3272, -44.3744)
contains.

YUV(68.5980, 26.3272, -44.3744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.5980, 26.3272,
-44.3744)**

Conversions

Conversions Part 1

Format	Color
Hex	12547A
RGB	18, 84, 122
RGB Percent	7%, 33%, 48%
CMY	0.9294, 0.6706, 0.5216
CMYK	0.85, 0.31, 0.00, 0.52
HSL	202°, 74%, 27%
HSV	202°, 85%, 48%
XYZ	6.9326, 7.8744, 19.5669
YIQ	68.5980, -51.5340, -2.1740

Conversions

Conversions Part 2

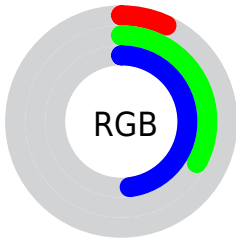
Format	Color
R_{YB}	18, 58, 122
Decimal	1201274
CIE _{Lab}	33.72, -5.40, -27.14
CIE _{LCh}	34, 27.671, 258.744
Yxy	7.8744, 0.2017, 0.2291
Android (android.graphics.Color)	4279391354 (0xFF12547A)
YUV	68.5980, 26.3272, -44.3744
Hunter-Lab	28.0613, -5.0084, -21.6994

Details

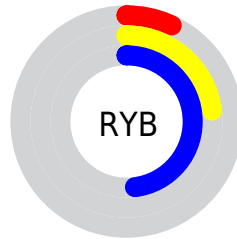
The YUV color **68.5980, 26.3272, -44.3744** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **71.4020, -26.3272, 44.3744**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2400, 26.0107, -36.1675**, and **31.2150, 20.6000, -27.3756** is the 20% darker color. If you saturate the color by 10%, you get **62.6620, 29.2536, -49.6926**, and if you desaturate by 10%, it is **74.5340, 23.4007, -39.0563**.

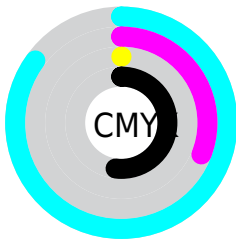
Distribution



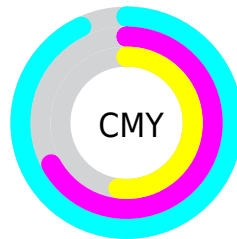
- Red (7%)
- Green (33%)
- Blue (48%)



- Red (7%)
- Yellow (23%)
- Blue (48%)



- Cyan (85%)
- Magenta (31%)
- Yellow (0%)
- Black (52%)



- Cyan (93%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5980, 26.3272, -44.3744 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 68.5980, 26.3272, -44.3744 by changing the saturation by 10% instead.

■ 68.5980, 26.3272,
-44.3744

■ 68.5980, 26.3272,
-44.3744

255.0000, 0.0000,
0.0000

■ 46.8650, 24.7166,
-41.1006

■ 122.2400, 26.0107,
-36.1675

■ 31.2150, 20.6000,
-27.3756

■ 148.9520, 26.1527,
-35.0379

■ 16.8530, 16.3415,
-14.7801

■ 176.0660, 26.5895,
-35.1379

■ 4.4800, 12.0884,
-3.9290

■ 203.7240, 25.2791,
-34.8379

■ 0.0000, 0.0000,
0.0000

■ 228.8310, 12.9013,
-31.4238

■ 244.8340, 5.0118,

-20.9024

253.8040, 0.5896,
-2.4591

68.5980, 26.3272,
-44.3744

68.5980, 26.3272,
-44.3744

62.6620, 29.2536,
-49.6926

74.5340, 23.4007,
-39.0563

59.1070, 31.0062,
-51.8368

81.0570, 20.1849,
-34.2530

87.2920, 17.1110,
-28.3201

93.8150, 13.8952,
-23.5168

99.7510, 10.9688,
-18.1986

■ 106.2740, 7.7529,
-13.3953

■ 112.2100, 4.8265,
-8.0772

■ 119.0320, 1.4632,
-2.6591

■ 124.9680, -1.4632,
2.6591

Harmonies

Analogous

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



65.0110, 23.1656, -57.0146



68.5980, 26.3272, -44.3744



79.3250, 20.5458, -9.9320

Triad

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



68.5980, 26.3272, -44.3744



80.0970, -6.9498, 35.8719



72.8010, -11.7339, -16.4885

Complementary

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



68.5980, 26.3272, -44.3744



71.4020, -26.3272, 44.3744

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.



75.8590, -19.6505, 2.7547



68.5980, 26.3272, -44.3744



79.0720, -15.8115, 31.5089

Square

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



68.5980, 26.3272, -44.3744



81.2240, 3.8336, 30.4986



78.0290, -20.7203, 19.2686



65.5940, 2.1722, -43.4939

Rectangle

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



68.5980, 26.3272, -44.3744



81.5830, 15.9816, 7.3817



78.0290, -20.7203, 19.2686



74.3350, -14.9552, -9.9408

Sweetspot

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



68.5980, 26.3272, -44.3744



136.9360, 10.3846, -17.4839



83.1520, -14.3719, -57.1383



66.5410, 6.1423, -10.1215



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



68.5980, 26.3272, -44.3744



76.7120, 40.0750, -67.2764



39.2480, 40.7967, -18.6345



58.0320, 1.4632, -2.6591



60.6230, 31.7379, -53.1664



122.6480, 63.7705, -107.5623

Inverse Universe

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



56.6200, 13.4983, 57.3383



58.6420, 20.3895, 87.1370



100.7520, -40.7967, 18.6345



57.2500, 0.8628, 3.2887



46.3810, 16.0812, 68.9489



93.5880, 32.7411, 138.9273

Previews

White Background



This preview shows how the YUV color 68.5980, 26.3272, -44.3744 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 68.5980, 26.3272, -44.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

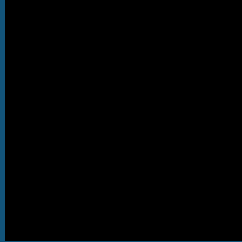
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5980, 26.3272, -44.3744

Background



This preview shows how black text looks on a background with the YUV color 68.5980, 26.3272, -44.3744.



This preview shows how white text looks on a background with the YUV color 68.5980, 26.3272, -44.3744.

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

68.5980, 26.3272, -44.3744

Protanopia

78.8580, 18.8040, -11.2765

Deuteranopia

77.1390, 22.6095, -18.5389



Tritanopia

62.4860, 16.0294, -54.8002

Trichromacy



Original Color

68.5980, 26.3272, -44.3744

Protanomaly

75.1770, 21.6047, -22.9572

Deuteranomaly

74.1270, 24.0944, -28.1754

Tritanomaly

65.1320, 19.6549, -50.9818

Monochromacy



Original Color

68.5980, 26.3272, -44.3744

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.4200, 9.6529, -16.1543

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5980, 26.3272, -44.3744 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(18, 84, 122)` looks like.

```
.text, #text, p{  
    color:rgb(18, 84, 122)  
}
```

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(18, 84, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 84, 122) }
```

Border

The CSS property to change the border of an element to YUV 68.5980, 26.3272, -44.3744 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(18, 84, 122) }
```


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

```
.border{ border-color:rgb(18, 84, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 84, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 84, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 84, 122);  
box-shadow:4px 4px 4px 4px rgb(18, 84,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 68.5980, 26.3272, -44.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 84, 122) }
```

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

```
.background{ background-color: rgb(18, 84,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor