

Converting Colors

YUV(76.4680, -19.9507, 5.7286)

Have a look what the booklet for
YUV(76.4680, -19.9507, 5.7286)
contains.

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Color

**YUV(76.4680, -19.9507,
5.7286)**

Conversions

Conversions Part 1

Format	Color
Hex	535124
RGB	83, 81, 36
RGB Percent	33%, 32%, 14%
CMY	0.6745, 0.6824, 0.8588
CMYK	0.00, 0.02, 0.57, 0.67
HSL	57°, 39%, 23%
HSV	57°, 57%, 33%
XYZ	6.8281, 7.8512, 2.8246
YIQ	76.4680, 15.6370, -13.5710

Conversions

Conversions Part 2

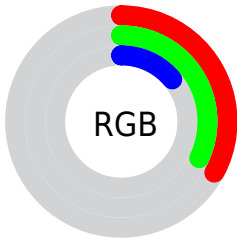
Format	Color
RYB	38, 83, 36
Decimal	5460260
CIELab	33.67, -6.25, 26.43
CIELCh	34, 27.162, 103.294
Yxy	7.8512, 0.3901, 0.4485
Android (android.graphics.Color)	4283650340 (0xFF535124)
YUV	76.4680, -19.9507, 5.7286
Hunter-Lab	28.0201, -5.5368, 13.6372




Details

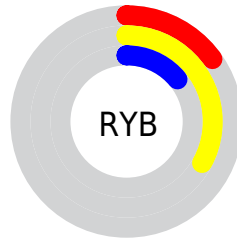
The YUV color **76.4680, -19.9507, 5.7286** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **42.5320, 19.9507, -5.7286**, and the grayscale version is **77.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **125.7240, -21.5559, 7.2581**, and **32.7820, -16.1615, 3.6992** is the 20% darker color. If you saturate the color by 10%, you get **75.5560, -23.4451, 6.5284**, and if you desaturate by 10%, it is **77.3800, -16.4563, 4.9287**.

Distribution







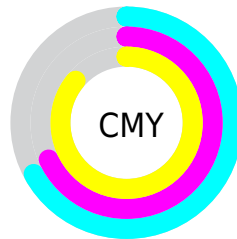
-  Red (33%)
-  Green (32%)
-  Blue (14%)






-  Red (15%)
-  Yellow (33%)
-  Blue (14%)



-  Cyan (0%)
-  Magenta (2%)
-  Yellow (57%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (68%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4680, -19.9507, 5.7286 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 76.4680, -19.9507, 5.7286 by changing the saturation by 10% instead.

■ 76.4680, -19.9507,
5.7286

■ 76.4680, -19.9507,
5.7286

■ 255.0000, 0.0000,
0.0000

■ 53.2830, -19.3665,
5.0138

■ 125.7240,
-21.5559, 7.2581

■ 32.7820, -16.1615,
3.6992

■ 151.6100,
-21.9927, 7.3580

■ 10.5880, -5.2199,
-5.7777

■ 178.6810,
-23.0137, 8.1728

■ 0.0000, 0.0000,
0.0000

■ 206.5670,
-23.4505, 8.2727

■ 234.7520,
-24.0347, 8.9875

■ 250.3260,

-17.9087, 4.0991

253.5180, -5.6784,
1.2997

76.4680, -19.9507,
5.7286

76.4680, -19.9507,
5.7286

75.5560, -23.4451,
6.5284

77.3800, -16.4563,
4.9287

73.9430, -27.0869,
7.9430

78.9930, -12.8145,
3.5141

73.0310, -30.5813,
8.7428

79.9050, -9.3202,
2.7143

72.1190, -34.0757,
9.5426

80.8170, -5.8258,
1.9145

71.1900, -35.0967,
10.3574

82.3160, -2.6208,
0.5999

■ 83.3420, 1.3104,
-0.2999

■ 84.2540, 4.8048,
-1.0998

■ 85.7530, 8.0098,
-2.4144

■ 86.7790, 11.9410,
-3.3142

Harmonies

Analogous

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



78.2680, -19.8521, 20.8130



76.4680, -19.9507, 5.7286



73.4810, -13.0551, -12.6998

Triad

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



76.4680, -19.9507, 5.7286



64.5550, 21.4184, -56.6147



81.2560, 5.2968, 27.8395

Complementary

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



76.4680, -19.9507, 5.7286



42.5320, 19.9507, -5.7286

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.



81.5510, 14.5184, 10.0408



76.4680, -19.9507, 5.7286



64.7710, 27.2279, -53.2962

Square

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



76.4680, -19.9507, 5.7286



62.8620, 12.3930, -55.1300



77.8190, 21.2882, -14.7503



80.2540, -5.0552, 34.8572

Rectangle

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



76.4680, -19.9507, 5.7286



70.9290, -5.8810, -27.1247



77.8190, 21.2882, -14.7503



81.7330, 8.5126, 23.0362

Sweetspot

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



76.4680, -19.9507, 5.7286



104.3610, -7.5730, 2.3144



50.2810, -6.0545, 28.6946



52.1590, -4.5154, 1.6146



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



76.4680, -19.9507, 5.7286



96.9170, -31.0181, 8.8428



71.3630, -17.4340, -8.2114



40.5440, -1.7472, 0.3999



90.0950, -44.4168, 13.0717



199.6820, -98.4432, 28.3429

Inverse Universe

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



42.5320, 19.9507, -5.7286



44.0830, 31.0181, -8.8428



47.6370, 17.4340, 8.2114



37.4560, 1.7472, -0.3999



14.3180, 44.7062, -12.5569



32.3180, 98.4432, -28.3429

Previews

White Background



This preview shows how the YUV color 76.4680, -19.9507, 5.7286 looks on a white background.

Color Contrast Check

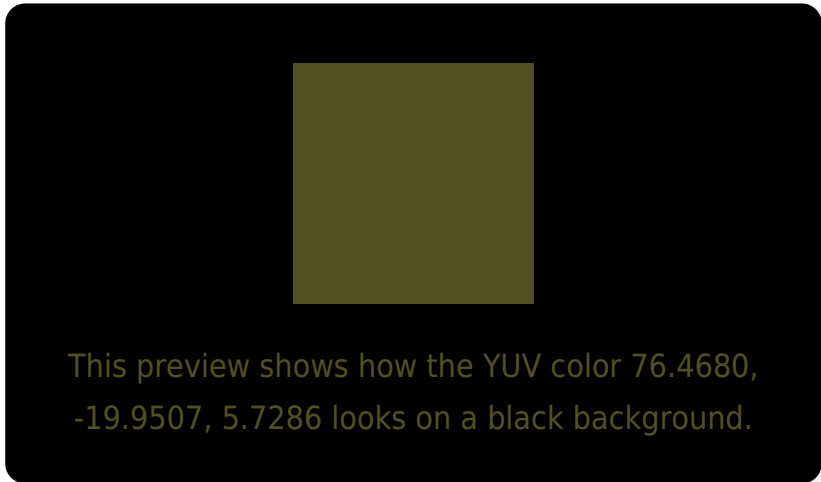
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

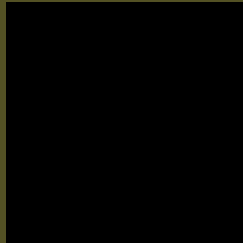
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

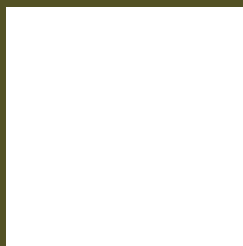
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.4680, -19.9507, 5.7286

Background



This preview shows how black text looks on a background with the YUV color 76.4680, -19.9507, 5.7286.



This preview shows how white text looks on a background with the YUV color 76.4680, -19.9507,

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

76.4680, -19.9507, 5.7286

Protanopia

76.6750, -20.5458, 9.9320

Deuteranopia

77.6590, -19.5519, 17.8391



Tritanopia

79.9730, 0.9993, 6.1627

Trichromacy



Original Color

76.4680, -19.9507, 5.7286

Protanomaly

76.6640, -20.5404, 8.1877

Deuteranomaly

77.2240, -19.8304, 13.8356

Tritanomaly

78.9100, -6.8576, 6.2179

Monochromacy



Original Color

76.4680, -19.9507, 5.7286

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.3610, -7.5730, 2.3144

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4680, -19.9507, 5.7286 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(83, 81, 36)` looks like.

```
.text, #text, p{  
    color:rgb(83, 81, 36)  
}
```

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(83, 81, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 81, 36) }
```

Border

The CSS property to change the border of an element to YUV 76.4680, -19.9507, 5.7286 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(83, 81, 36) }
```


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

```
.border{ border-color:rgb(83, 81, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 81, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 81, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 81, 36);  
box-shadow:4px 4px 4px 4px rgb(83, 81, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.4680, -19.9507, 5.7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 81, 36) }
```

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

```
.background{ background-color: rgb(83, 81,  
36) }
```

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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