

Converting Colors

YUV(78.0720, -5.9515, -4.4481)

Have a look what the booklet for
YUV(78.0720, -5.9515, -4.4481)
contains.

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Color

**YUV(78.0720, -5.9515,
-4.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	495342
RGB	73, 83, 66
RGB Percent	29%, 33%, 26%
CMY	0.7137, 0.6745, 0.7412
CMYK	0.12, 0.00, 0.20, 0.67
HSL	95°, 11%, 29%
HSV	95°, 20%, 33%
XYZ	6.8243, 7.9963, 6.3380
YIQ	78.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

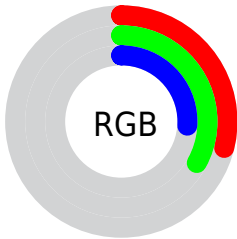
Format	Color
RYB	66, 83, 76
Decimal	4805442
CIELab	33.98, -7.60, 8.65
CIElCh	34, 11.514, 131.276
Yxy	7.9963, 0.3225, 0.3779
Android (android.graphics.Color)	4282995522 (0xFF495342)
YUV	78.0720, -5.9515, -4.4481
Hunter-Lab	28.2778, -6.4087, 6.5055

Details

The YUV color **78.0720, -5.9515, -4.4481** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70.9280, 5.9515, 4.4481**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.9580, -6.3883, -4.3482**, and **33.5990, -5.2253, -4.0333** is the 20% darker color. If you saturate the color by 10%, you get **75.6650, -8.7088, -6.7222**, and if you desaturate by 10%, it is **80.4790, -3.1941, -2.1741**.

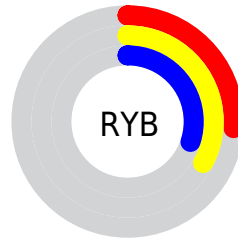
Distribution



Red (29%)

Green (33%)

Blue (26%)



Red (26%)

Yellow (33%)

Blue (30%)

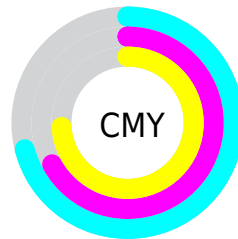


Cyan (12%)

Magenta (0%)

Yellow (20%)

Black (67%)



Cyan (71%)

Magenta (67%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.0720, -5.9515, -4.4481 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 78.0720, -5.9515, -4.4481 by changing the saturation by 10% instead.

■ 78.0720, -5.9515,
-4.4481

■ 78.0720, -5.9515,
-4.4481

255.0000, 0.0000,
0.0000

■ 55.1860, -5.5147,
-4.5481

■ 126.9580, -6.3883,
-4.3482

■ 33.5990, -5.2253,
-4.0333

■ 153.1320, -6.9671,
-5.3778

■ 11.4630, -5.6513,
-7.4221

■ 180.1320, -6.9671,
-5.3778

■ 0.0000, 0.0000,
0.0000

■ 207.4310, -7.1145,
-4.7630

■ 236.0180, -7.4039,
-5.2778

■ 254.3160, -2.6208,

0.5999

■ 78.0720, -5.9515,
-4.4481

■ 78.0720, -5.9515,
-4.4481

■ 75.6650, -8.7088,
-6.7222

■ 80.4790, -3.1941,
-2.1741

■ 73.1440, -11.9030,
-8.8963

■ 83.0000, 0.0000,
0.0000

■ 70.7370, -14.6603,
-11.1703

■ 85.4070, 2.7573,
2.2741

■ 68.3300, -17.4177,
-13.4444

■ 87.8140, 5.5147,
4.5481

■ 66.2220, -20.3224,
-15.1037

■ 90.0360, 8.8563,
6.1074

■ 63.7010, -23.5166,
-17.2778

■ 92.4430, 11.6136,
8.3815

■ 61.2940, -26.2739,
-19.5518

■ 94.8500, 14.3710,
10.6556

■ 58.8870, -29.0313,
-21.8259

■ 97.2570, 17.1283,
12.9296

■ 99.7780, 20.3224,
15.1037

Harmonies

Analogous

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



78.8450, -8.3046, 3.6439



78.0720, -5.9515, -4.4481



77.1680, -1.5618, -12.4253

Triad

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



78.0720, -5.9515, -4.4481



77.7300, 9.5001, -13.7952



81.2300, -2.0854, 15.5843

Complementary

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



78.0720, -5.9515, -4.4481



70.9280, 5.9515, 4.4481

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.



81.6470, 2.1460, 11.7106



78.0720, -5.9515, -4.4481



80.2580, 8.7468, -5.4883

Square

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



78.0720, -5.9515, -4.4481



76.5400, 7.6218, -18.0136



81.0420, 6.3883, 4.3482



81.0790, -6.4479, 14.8397

Rectangle

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



78.0720, -5.9515, -4.4481



76.3570, 1.7960, -16.0991



81.0420, 6.3883, 4.3482



81.2730, -0.6276, 14.6696

Sweetspot

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



78.0720, -5.9515, -4.4481



105.1200, -2.0312, -1.8592



76.9530, -5.3998, 5.3032



52.6470, -1.3050, -1.4444



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.



78.0720, -5.9515, -4.4481



99.1380, -9.4350, -7.1370



76.0930, -4.4828, -8.8516



39.6470, -1.3050, -1.4444



74.4920, -36.7246, -27.6185



164.8880, -81.2898, -60.4148

Inverse Universe

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



70.9280, 5.9515, 4.4481



87.8620, 9.4350, 7.1370



72.9070, 4.4828, 8.8516



38.0540, 1.4524, 0.8296



30.5080, 36.7246, 27.6185



67.4110, 81.1424, 61.0296

Previews

White Background



This preview shows how the YUV color 78.0720, -5.9515, -4.4481 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 78.0720, -5.9515, -4.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

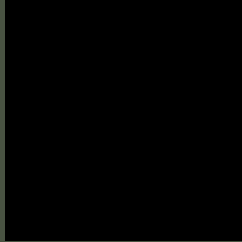
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.0720, -5.9515, -4.4481

Background



This preview shows how black text looks on a background with the YUV color 78.0720, -5.9515, -4.4481.



This preview shows how white text looks on a background with the YUV color 78.0720, -5.9515,

-4.4481.

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

78.0720, -5.9515, -4.4481

Protanopia

79.6710, -7.7258, 4.6735

Deuteranopia

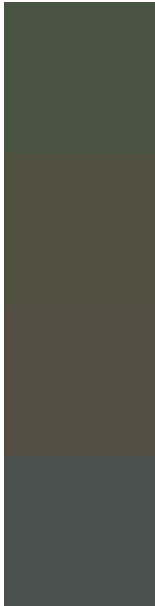
80.3450, -6.5791, 10.2214



Tritanopia

79.6020, 3.6472, -3.1590

Trichromacy



Original Color

78.0720, -5.9515, -4.4481

Protanomaly

79.1760, -6.9888, 1.5996

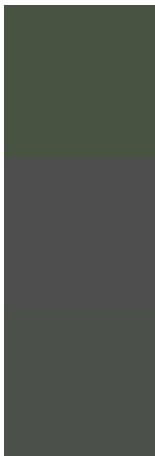
Deuteranomaly

79.4260, -6.1260, 4.8884

Tritanomaly

78.9780, 0.0108, -3.4887

Monochromacy



Original Color

78.0720, -5.9515, -4.4481

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1200, -2.0312, -1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0720, -5.9515, -4.4481 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(73, 83, 66)` looks like.

```
.text, #text, p{  
    color:rgb(73, 83, 66)  
}
```

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(73, 83, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 83, 66) }
```

Border

The CSS property to change the border of an element to YUV 78.0720, -5.9515, -4.4481 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(73, 83, 66) }
```


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

```
.border{ border-color:rgb(73, 83, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 83, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 83, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 83, 66);  
box-shadow:4px 4px 4px 4px rgb(73, 83, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.0720, -5.9515, -4.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 83, 66) }
```

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

```
.background{ background-color: rgb(73, 83,  
66) }
```

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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