

Converting Colors

YUV(76.7190, -7.2565, -5.8926)

Have a look what the booklet for
YUV(76.7190, -7.2565, -5.8926)
contains.

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Color

**YUV(76.7190, -7.2565,
-5.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	46533E
RGB	70, 83, 62
RGB Percent	27%, 33%, 24%
CMY	0.7255, 0.6745, 0.7569
CMYK	0.16, 0.00, 0.25, 0.67
HSL	97°, 14%, 28%
HSV	97°, 25%, 33%
XYZ	6.4885, 7.8364, 5.7280
YIQ	76.7190, -1.0070, -9.2870

Conversions

Conversions Part 2

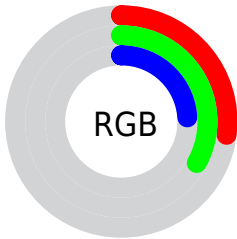
Format	Color
RYB	62, 83, 75
Decimal	4608830
CIELab	33.64, -9.62, 10.65
CIElCh	34, 14.346, 132.088
Yxy	7.8364, 0.3236, 0.3908
Android (android.graphics.Color)	4282798910 (0xFF46533E)
YUV	76.7190, -7.2565, -5.8926
Hunter-Lab	27.9936, -7.6148, 7.4636

Details

The YUV color **76.7190, -7.2565, -5.8926** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68.2810, 7.2565, 5.8926**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6050, -7.6933, -5.7926**, and **32.3600, -6.0935, -5.5777** is the 20% darker color. If you saturate the color by 10%, you get **74.3120, -10.0138, -8.1666**, and if you desaturate by 10%, it is **79.1260, -4.4991, -3.6185**.

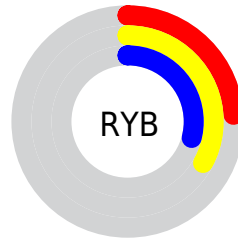
Distribution



Red (27%)

Green (33%)

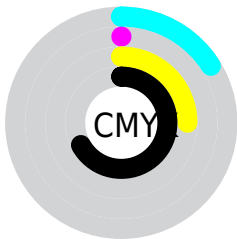
Blue (24%)



Red (24%)

Yellow (33%)

Blue (29%)

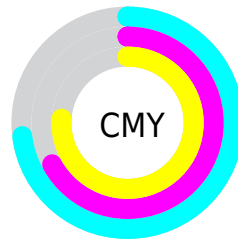


Cyan (16%)

Magenta (0%)

Yellow (25%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7190, -7.2565, -5.8926 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 76.7190, -7.2565, -5.8926 by changing the saturation by 10% instead.

■ 76.7190, -7.2565,
-5.8926

■ 76.7190, -7.2565,
-5.8926

255.0000, 0.0000,
0.0000

■ 53.8330, -6.8197,
-5.9925

■ 125.6050, -7.6933,
-5.7926

■ 32.3600, -6.0935,
-5.5777

■ 151.7790, -8.2720,
-6.8222

■ 10.5660, -5.2090,
-9.2664

■ 178.6650, -8.7088,
-6.7222

■ 0.0000, 0.0000,
0.0000

■ 205.6650, -8.7088,
-6.7222

■ 234.2520, -8.9982,
-7.2370

■ 253.7460, -4.8048,

1.0998

■ 76.7190, -7.2565,
-5.8926

■ 76.7190, -7.2565,
-5.8926

■ 74.3120, -10.0138,
-8.1666

■ 79.1260, -4.4991,
-3.6185

■ 71.7910, -13.2080,
-10.3407

■ 81.6470, -1.3050,
-1.4444

■ 69.3840, -15.9653,
-12.6148

■ 84.0540, 1.4524,
0.8296

■ 66.6780, -18.5753,
-15.5036

■ 86.7600, 4.0623,
3.7185

■ 64.2710, -21.3326,
-17.7777

■ 89.1670, 6.8197,
5.9925

■ 61.7500, -24.5267,
-19.9518

■ 91.6880, 10.0138,
8.1666

■ 59.3430, -27.2841,
-22.2258

■ 94.0950, 12.7712,
10.4407

■ 58.2890, -28.7365,
-23.0555

■ 96.5020, 15.5285,
12.7147

■ 99.0230, 18.7227,
14.8888

Harmonies

Analogous

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



78.2750, -10.4886, 4.1438



76.7190, -7.2565, -5.8926



75.1460, -1.5510, -15.9140

Triad

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



76.7190, -7.2565, -5.8926



76.2780, 11.6949, -17.7838



80.7250, -2.8224, 18.6582

Complementary

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



76.7190, -7.2565, -5.8926



68.2810, 7.2565, 5.8926

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.



81.0710, 2.4300, 13.9697



76.7190, -7.2565, -5.8926



79.4150, 10.6414, -6.5030

Square

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



76.7190, -7.2565, -5.8926



74.6640, 9.5326, -24.2613



80.9820, 7.4039, 5.2778



80.3460, -8.0586, 18.1136

Rectangle

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



76.7190, -7.2565, -5.8926



74.5520, 2.6859, -21.5321



80.9820, 7.4039, 5.2778



80.8820, -0.9278, 17.6435

Sweetspot

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



76.7190, -7.2565, -5.8926



104.5930, -2.7573, -2.2741



75.9100, -6.8576, 6.2179



52.1200, -2.0312, -1.8592



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.



76.7190, -7.2565, -5.8926



97.3720, -11.0294, -9.0962



74.5550, -5.2036, -11.0107



39.6470, -1.3050, -1.4444



73.5950, -36.2823, -29.4628



162.4960, -80.1105, -65.3330

Inverse Universe

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



68.2810, 7.2565, 5.8926



84.6280, 11.0294, 9.0962



70.4450, 5.2036, 11.0107



38.0540, 1.4524, 0.8296



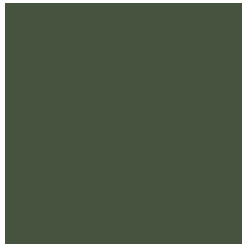
31.4050, 36.2823, 29.4628



69.5040, 80.1105, 65.3330

Previews

White Background



This preview shows how the YUV color 76.7190, -7.2565, -5.8926 looks on a white background.

Color Contrast Check

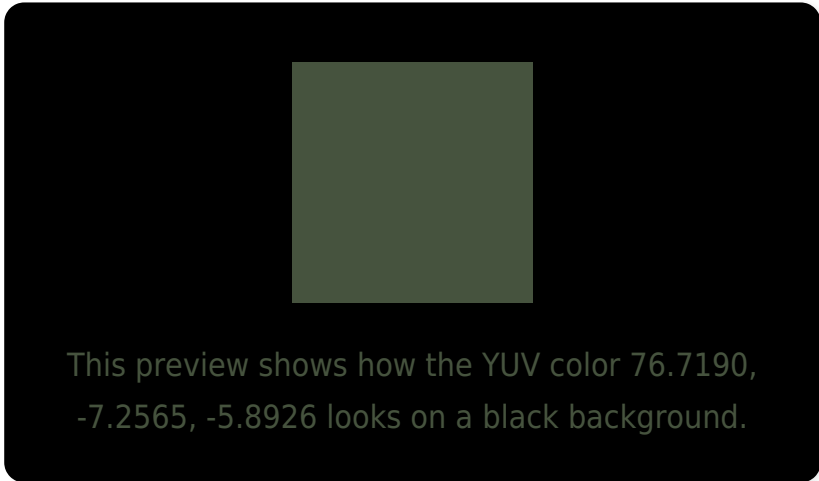
Large Text (above 18pt) WCAG AA ✓ Pass

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

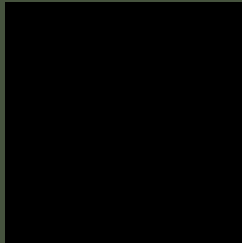
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7190, -7.2565, -5.8926

Background



This preview shows how black text looks on a background with the YUV color 76.7190, -7.2565, -5.8926.



This preview shows how white text looks on a background with the YUV color 76.7190, -7.2565, -5.8926.

-5.8926.

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

76.7190, -7.2565, -5.8926

Protanopia

78.3290, -9.0362, 4.9735

Deuteranopia

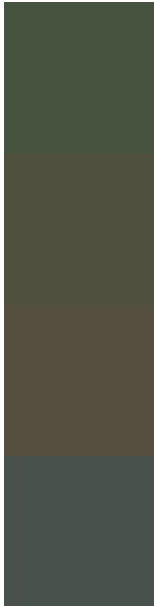
79.4160, -7.6001, 11.0362



Tritanopia

78.8900, 3.5052, -4.2885

Trichromacy



Original Color

76.7190, -7.2565, -5.8926

Protanomaly

77.5350, -8.1518, 1.2848

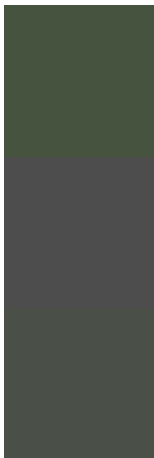
Deuteranomaly

78.6710, -7.7258, 4.6735

Tritanomaly

78.1520, -0.5679, -4.5183

Monochromacy



Original Color

76.7190, -7.2565, -5.8926

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7070, -2.3206, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7190, -7.2565, -5.8926 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(70, 83, 62)` looks like.

```
.text, #text, p{  
    color:rgb(70, 83, 62)  
}
```

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(70, 83, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 83, 62) }
```

Border

The CSS property to change the border of an element to YUV 76.7190, -7.2565, -5.8926 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(70, 83, 62) }
```


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

```
.border{ border-color:rgb(70, 83, 62) }
```

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

Here you see how a box with a 4 pixel rgb(70, 83, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 83, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 83, 62);  
box-shadow:4px 4px 4px 4px rgb(70, 83, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.7190, -7.2565, -5.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 83, 62) }
```

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

```
.background{ background-color: rgb(70, 83,  
62) }
```

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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