

Converting Colors

YUV(79.7620, -5.7987, -6.8073)

Have a look what the booklet for
YUV(79.7620, -5.7987, -6.8073)
contains.

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Color

**YUV(79.7620, -5.7987,
-6.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	485644
RGB	72, 86, 68
RGB Percent	28%, 34%, 27%
CMY	0.7176, 0.6627, 0.7333
CMYK	0.16, 0.00, 0.21, 0.66
HSL	107°, 12%, 30%
HSV	107°, 21%, 34%
XYZ	7.0437, 8.4506, 6.7287
YIQ	79.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

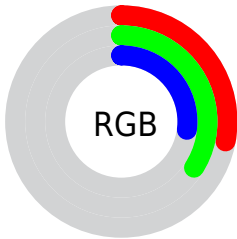
Format	Color
RYB	68, 86, 82
Decimal	4740676
CIELab	34.90, -9.40, 8.69
CIELCh	35, 12.802, 137.224
Yxy	8.4506, 0.3170, 0.3803
Android (android.graphics.Color)	4282930756 (0xFF485644)
YUV	79.7620, -5.7987, -6.8073
Hunter-Lab	29.0700, -7.6219, 6.6253

Details

The YUV color **79.7620, -5.7987, -6.8073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74.2380, 5.7987, 6.8073**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2350, -6.5249, -7.2221**, and **35.2890, -5.0725, -6.3925** is the 20% darker color. If you saturate the color by 10%, you get **76.6430, -8.6980, -10.2109**, and if you desaturate by 10%, it is **82.8810, -2.8993, -3.4036**.

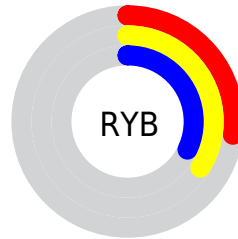
Distribution



Red (28%)

Green (34%)

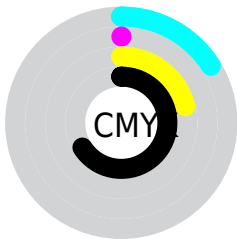
Blue (27%)



Red (27%)

Yellow (34%)

Blue (32%)

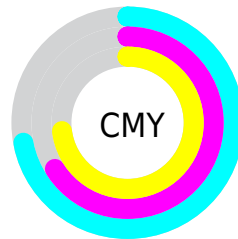


Cyan (16%)

Magenta (0%)

Yellow (21%)

Black (66%)



Cyan (72%)

Magenta (66%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7620, -5.7987, -6.8073 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 79.7620, -5.7987, -6.8073 by changing the saturation by 10% instead.

■ 79.7620, -5.7987,
-6.8073

■ 79.7620, -5.7987,
-6.8073

255.0000, 0.0000,
0.0000

■ 56.8760, -5.3619,
-6.9073

■ 129.2350, -6.5249,
-7.2221

■ 35.2890, -5.0725,
-6.3925

■ 154.9360, -6.3774,
-7.8369

■ 13.2240, -6.5194,
-8.9664

■ 181.8220, -6.8142,
-7.7369

■ 0.0000, 0.0000,
0.0000

■ 209.4090, -7.1036,
-8.2517

■ 237.7080, -7.2510,
-7.6369

254.6580, -1.3104,

0.2999

■ 79.7620, -5.7987,
-6.8073

■ 79.7620, -5.7987,
-6.8073

■ 76.6430, -8.6980,
-10.2109

■ 82.8810, -2.8993,
-3.4036

■ 73.9370, -11.3079,
-13.0997

■ 85.5870, -0.2894,
-0.5148

■ 70.8180, -14.2073,
-16.5034

■ 88.7060, 2.6099,
2.8888

■ 67.8130, -16.6698,
-20.0070

■ 91.7110, 5.0725,
6.3925

■ 64.9930, -19.7165,
-22.7959

■ 94.5310, 8.1192,
9.1813

■ 61.8740, -22.6159,
-26.1995

■ 97.6500, 11.0185,
12.5849

■ 58.8690, -25.0784,
-29.7031

■ 100.6550, 13.4811,
16.0886

■ 56.1630, -27.6884,
-32.5920

■ 103.7740, 16.3804,
19.4922

■ 106.4800, 18.9904,
22.3810

Harmonies

Analogous

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



81.0190, -8.8834, 2.6143



79.7620, -5.7987, -6.8073



78.6730, -0.8248, -15.4992

Triad

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



79.7620, -5.7987, -6.8073



80.3710, 10.6631, -13.4804



83.4860, -3.6906, 17.1138

Complementary

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



79.7620, -5.7987, -6.8073



74.2380, 5.7987, 6.8073

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.



83.8430, 1.5564, 14.1697



79.7620, -5.7987, -6.8073



82.3830, 9.1782, -3.8439

Square

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



79.7620, -5.7987, -6.8073



78.5720, 9.0850, -20.6726



83.9390, 5.9461, 6.1925



83.1500, -7.4689, 15.6545

Rectangle

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



79.7620, -5.7987, -6.8073



77.9760, 2.9698, -19.2730



83.9390, 5.9461, 6.1925



83.9420, -1.9434, 16.7139

Sweetspot

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



79.7620, -5.7987, -6.8073



109.7070, -2.3206, -2.3740



81.6000, -6.7048, 3.8588



54.6470, -1.3050, -1.4444



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



79.7620, -5.7987, -6.8073



102.2300, -8.9874, -10.7257



79.1360, -3.0250, -9.7663



41.6470, -1.3050, -1.4444



69.9850, -34.5026, -40.3288



153.4930, -75.6720, -89.0094

Inverse Universe

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



74.2380, 5.7987, 6.8073



93.7700, 8.9874, 10.7257



74.8640, 3.0250, 9.7663



40.3530, 1.3050, 1.4444



37.0150, 34.5026, 40.3288



81.2080, 75.8195, 88.3946

Previews

White Background



This preview shows how the YUV color 79.7620, -5.7987, -6.8073 looks on a white background.

Color Contrast Check

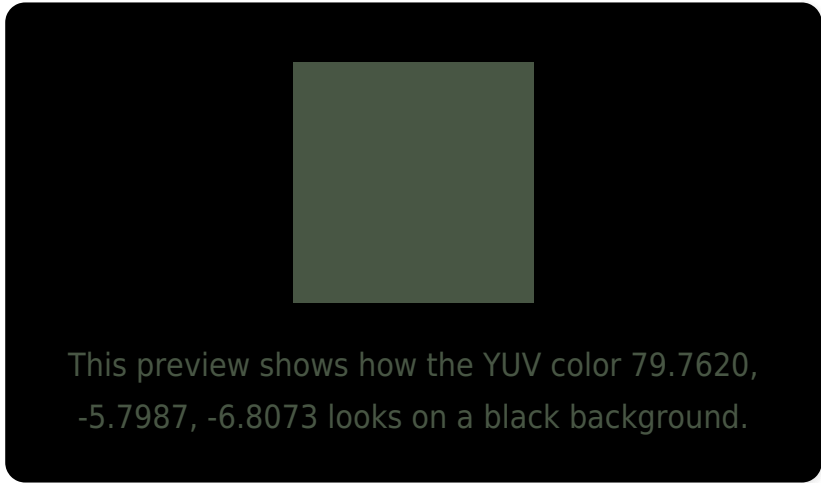
Large Text (above 18pt) WCAG AA ✓ Pass

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

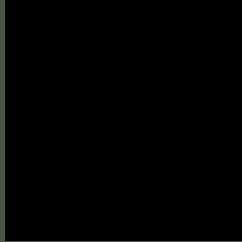
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.7620, -5.7987, -6.8073

Background



This preview shows how black text looks on a background with the YUV color 79.7620, -5.7987, -6.8073.



This preview shows how white text looks on a background with the YUV color 79.7620, -5.7987, -6.8073.

-6.8073.

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

79.7620, -5.7987, -6.8073

Protanopia

81.6710, -7.7258, 4.6735

Deuteranopia

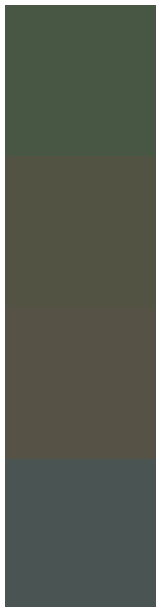
82.3450, -6.5791, 10.2214



Tritanopia

81.4060, 4.2368, -5.6181

Trichromacy



Original Color

79.7620, -5.7987, -6.8073

Protanomaly

80.8770, -6.8414, 0.9849

Deuteranomaly

81.7140, -6.2680, 3.7588

Tritanomaly

80.7820, 0.6005, -5.9478

Monochromacy



Original Color

79.7620, -5.7987, -6.8073

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8210, -1.8838, -2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7620, -5.7987, -6.8073 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(72, 86, 68)` looks like.

```
.text, #text, p{  
    color:rgb(72, 86, 68)  
}
```

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(72, 86, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 86, 68) }
```

Border

The CSS property to change the border of an element to YUV 79.7620, -5.7987, -6.8073 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(72, 86, 68) }
```


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

```
.border{ border-color:rgb(72, 86, 68) }
```

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

Here you see how a box with a 4 pixel rgb(72, 86, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 86, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 86, 68);  
box-shadow:4px 4px 4px 4px rgb(72, 86, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.7620, -5.7987, -6.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 86, 68) }
```

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

```
.background{ background-color: rgb(72, 86,  
68) }
```

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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