

Converting Colors

YUV(79.9600, -12.7983, -1.7189)

Have a look what the booklet for
YUV(79.9600, -12.7983, -1.7189)
contains.

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Color

**YUV(79.9600, -12.7983,
-1.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5636
RGB	78, 86, 54
RGB Percent	31%, 34%, 21%
CMY	0.6941, 0.6627, 0.7882
CMYK	0.09, 0.00, 0.37, 0.66
HSL	75°, 23%, 27%
HSV	75°, 37%, 34%
XYZ	7.1355, 8.5416, 4.7626
YIQ	79.9600, 5.5040, -11.6480

Conversions

Conversions Part 2

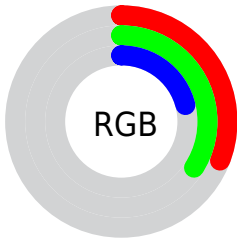
Format	Color
R_{YB}	54, 86, 62
Decimal	5133878
CIE _{Lab}	35.09, -9.27, 17.61
CIE _{LCh}	35, 19.904, 117.767
Yxy	8.5416, 0.3491, 0.4179
Android (android.graphics.Color)	4283323958 (0xFF4E5636)
YUV	79.9600, -12.7983, -1.7189
Hunter-Lab	29.2261, -7.5649, 10.7964

Details

The YUV color **79.9600, -12.7983, -1.7189** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **60.0400, 12.7983, 1.7189**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6180, -14.1087, -1.4190**, and **35.0740, -12.3615, -1.8189** is the 20% darker color. If you saturate the color by 10%, you get **78.3360, -16.4346, -2.0487**, and if you desaturate by 10%, it is **81.5840, -9.1619, -1.3892**.

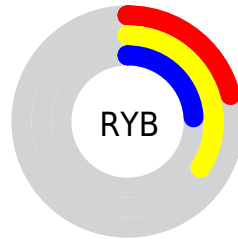
Distribution



Red (31%)

Green (34%)

Blue (21%)



Red (21%)

Yellow (34%)

Blue (24%)

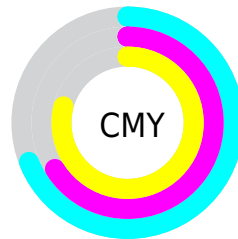


Cyan (9%)

Magenta (0%)

Yellow (37%)

Black (66%)



Cyan (69%)

Magenta (66%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.9600, -12.7983, -1.7189 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 79.9600, -12.7983, -1.7189 by changing the saturation by 10% instead.

■ 79.9600, -12.7983,
-1.7189

■ 79.9600, -12.7983,
-1.7189

■ 255.0000, 0.0000,
0.0000

■ 57.0740, -12.3615,
-1.8189

■ 129.6180,
-14.1087, -1.4190

■ 35.0740, -12.3615,
-1.8189

■ 155.5040,
-14.5455, -1.3190

■ 13.5230, -6.6668,
-8.3517

■ 182.3900,
-14.9823, -1.2190

■ 0.0000, 0.0000,
0.0000

■ 209.9770,
-15.2717, -1.7338

■ 238.2760,
-15.4191, -1.1191

■ 252.7200, -8.7360,

1.9996

■ 79.9600, -12.7983,
-1.7189

■ 79.9600, -12.7983,
-1.7189

■ 78.3360, -16.4346,
-2.0487

■ 81.5840, -9.1619,
-1.3892

■ 76.8260, -19.6342,
-2.4784

■ 83.0940, -5.9623,
-0.9594

■ 75.2020, -23.2706,
-2.8082

■ 84.7180, -2.3260,
-0.6297

■ 73.3930, -26.3227,
-3.8527

■ 86.5270, 0.7262,
0.4148

■ 71.7690, -29.9591,
-4.1824

■ 88.1510, 4.3626,
0.7446

■ 70.1450, -33.5955,
-4.5122

■ 89.7750, 7.9989,
1.0743

■ 69.9170, -34.4691,
-4.3122

■ 91.2850, 11.1985,
1.5041

■ 92.9090, 14.8349,
1.8338

■ 94.4190, 18.0344,
2.2635

Harmonies

Analogous

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



81.4670, -15.0202, 10.9914



79.9600, -12.7983, -1.7189



77.2940, -6.0609, -16.0438

Triad

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



79.9600, -12.7983, -1.7189



75.1340, 16.6959, -35.1975



84.7410, -0.3653, 23.9061

Complementary

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



79.9600, -12.7983, -1.7189



60.0400, 12.7983, 1.7189

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.



84.7490, 7.5187, 15.1291



79.9600, -12.7983, -1.7189



79.9450, 16.7891, -18.3688

Square

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



79.9600, -12.7983, -1.7189



72.5480, 12.0548, -39.9456



83.8440, 13.3879, -0.7402



84.2160, -7.5015, 26.1206

Rectangle

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



79.9600, -12.7983, -1.7189



76.0200, -0.5029, -25.4505



83.8440, 13.3879, -0.7402



84.8270, 2.5503, 22.0767

Sweetspot

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



79.9600, -12.7983, -1.7189



109.7350, -4.7994, -0.6446



68.2640, -7.0322, 15.5545



54.6040, -2.7628, -0.5297



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.



79.9600, -12.7983, -1.7189



102.7120, -20.0710, -2.3784



75.1760, -10.4398, -11.5554



42.2450, -1.5998, -0.2149



86.7290, -42.7574, -5.9013



190.5690, -93.9505, -12.7770

Inverse Universe

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



60.0400, 12.7983, 1.7189



71.2880, 20.0710, 2.3784



64.8240, 10.4398, 11.5554



39.7550, 1.5998, 0.2149



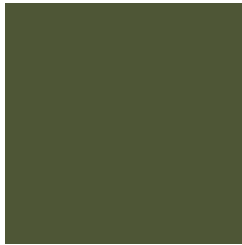
20.2710, 42.7574, 5.9013



44.4310, 93.9505, 12.7770

Previews

White Background



This preview shows how the YUV color 79.9600, -12.7983, -1.7189 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 79.9600, -12.7983, -1.7189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

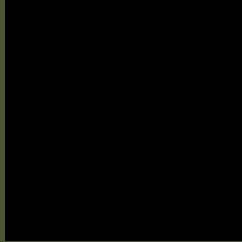
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.9600, -12.7983, -1.7189

Background



This preview shows how black text looks on a background with the YUV color 79.9600, -12.7983, -1.7189.



This preview shows how white text looks on a background with the YUV color 79.9600, -12.7983, -1.7189.

-1.7189.

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

79.9600, -12.7983, -1.7189

Protanopia

81.0860, -13.8464, 7.8176

Deuteranopia

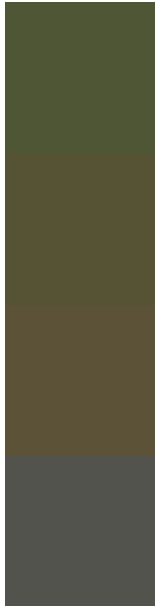
82.3580, -12.9945, 14.5950



Tritanopia

82.6840, 2.6208, -0.5999

Trichromacy



Original Color

79.9600, -12.7983, -1.7189

Protanomaly

80.4770, -13.5462, 4.8437

Deuteranomaly

81.6130, -13.1202, 8.2324

Tritanomaly

81.6040, -2.7628, -0.5297

Monochromacy



Original Color

79.9600, -12.7983, -1.7189

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8490, -4.3626, -0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9600, -12.7983, -1.7189 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(78, 86, 54)` looks like.

```
.text, #text, p{  
    color:rgb(78, 86, 54)  
}
```

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(78, 86, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 86, 54) }
```

Border

The CSS property to change the border of an element to YUV 79.9600, -12.7983, -1.7189 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(78, 86, 54) }
```


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

```
.border{ border-color:rgb(78, 86, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 86, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 86, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 86, 54);  
box-shadow:4px 4px 4px 4px rgb(78, 86, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.9600, -12.7983, -1.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 86, 54) }
```

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

```
.background{ background-color: rgb(78, 86,  
54) }
```

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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