

Converting Colors

YUV(87.0180, -3.9529, 7.8772)

Have a look what the booklet for
YUV(87.0180, -3.9529, 7.8772)
contains.

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Color

**YUV(87.0180, -3.9529,
7.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	60544F
RGB	96, 84, 79
RGB Percent	38%, 33%, 31%
CMY	0.6235, 0.6706, 0.6902
CMYK	0.00, 0.13, 0.18, 0.62
HSL	18°, 10%, 34%
HSV	18°, 18%, 38%
XYZ	9.4055, 9.3920, 8.7142
YIQ	87.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

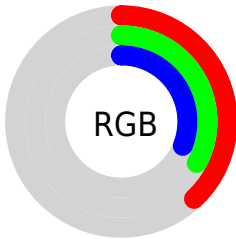
Format	Color
RYB	96, 86, 79
Decimal	6313039
CIELab	36.73, 3.99, 4.72
CIElCh	37, 6.183, 49.785
Yxy	9.3920, 0.3419, 0.3414
Android (android.graphics.Color)	4284503119 (0xFF60544F)
YUV	87.0180, -3.9529, 7.8772
Hunter-Lab	30.6463, 1.1514, 4.5934

Details

The YUV color **87.0180, -3.9529, 7.8772** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.9820, 3.9529, -7.8772**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2030, -4.5371, 8.5920**, and **41.8330, -3.3687, 7.1625** is the 20% darker color. If you saturate the color by 10%, you get **81.7690, -6.2951, 12.4806**, and if you desaturate by 10%, it is **92.2670, -1.6106, 3.2738**.

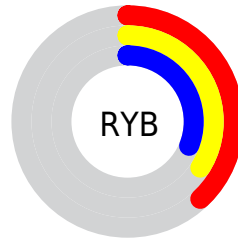
Distribution



Red (38%)

Green (33%)

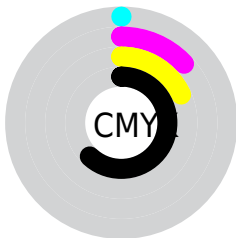
Blue (31%)



Red (38%)

Yellow (34%)

Blue (31%)

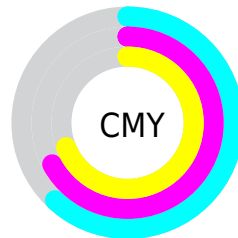


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (62%)



Cyan (62%)

Magenta (67%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0180, -3.9529, 7.8772 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 87.0180, -3.9529, 7.8772 by changing the saturation by 10% instead.

■ 87.0180, -3.9529,
7.8772

■ 87.0180, -3.9529,
7.8772

255.0000, 0.0000,
0.0000

■ 63.7190, -3.8055,
7.2624

■ 137.2030, -4.5371,
8.5920

■ 41.8330, -3.3687,
7.1625

■ 163.2030, -4.5371,
8.5920

■ 21.3060, -4.0949,
6.7476

■ 190.5020, -4.6845,
9.2067

■ 0.0000, 0.0000,
0.0000

■ 217.8010, -4.8319,
9.8215

■ 245.9040, -4.3897,
7.9772

■ 87.0180, -3.9529,
7.8772

■ 87.0180, -3.9529,
7.8772

■ 81.7690, -6.2951,
12.4806

■ 92.2670, -1.6106,
3.2738

■ 76.6340, -8.2006,
16.9840

■ 97.4020, 0.2948,
-1.2296

■ 71.9720, -10.8322,
21.0726

■ 102.0640, 2.9264,
-5.3181

■ 66.8370, -12.7376,
25.5760

■ 107.1990, 4.8319,
-9.8215

■ 61.5880, -15.0799,
30.1793

■ 112.4480, 7.1741,
-14.4249

■ 56.3390, -17.4221,
34.7827

■ 117.6970, 9.5164,
-19.0283

■ 51.7910, -19.6170,
38.7713

■ 122.2450, 11.7112,
-23.0169

■ 46.5420, -21.9592,

■ 127.4940, 14.0535,

43.3747

-27.6202

■ 45.1400, -22.2540,
44.6042

■ 132.6290, 15.9589,
-32.1236

Harmonies

Analogous

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



87.1860, -2.0637, 8.6069



87.0180, -3.9529, 7.8772



86.1810, -4.5262, 5.1033

Triad

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



87.0180, -3.9529, 7.8772



84.5430, -0.2677, -7.4922



86.8410, 4.5154, -1.6146

Complementary

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



87.0180, -3.9529, 7.8772



87.9820, 3.9529, -7.8772

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.



85.6340, 5.1104, -5.8180



87.0180, -3.9529, 7.8772



84.6290, 2.6479, -9.3216

Square

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



87.0180, -3.9529, 7.8772



84.9950, -2.4625, -3.5036



85.3840, 4.2477, -9.1068



87.1190, 2.8993, 3.4036

Rectangle

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



87.0180, -3.9529, 7.8772



86.4580, -4.6628, 2.2293



85.3840, 4.2477, -9.1068



86.2430, 4.8102, -2.8441

Sweetspot

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



87.0180, -3.9529, 7.8772



121.9680, -1.4632, 2.6591



85.4510, 2.7357, 9.2515



61.7830, -0.8790, 1.9443



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



87.0180, -3.9529, 7.8772



110.8830, -5.8583, 12.3806



91.7140, -6.2680, 3.7588



45.7830, -0.8790, 1.9443



52.8590, -26.0595, 51.8667



112.8500, -55.6350, 111.5106

Inverse Universe

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



87.9820, 3.9529, -7.8772



112.5300, 6.1477, -11.8658



83.2860, 6.2680, -3.7588



46.2170, 0.8790, -1.9443



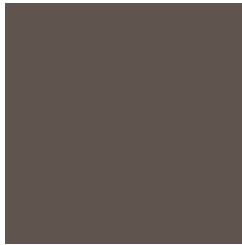
59.1410, 26.0595, -51.8667



126.5630, 55.9244, -110.9958

Previews

White Background



This preview shows how the YUV color 87.0180, -3.9529, 7.8772 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 87.0180, -3.9529, 7.8772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

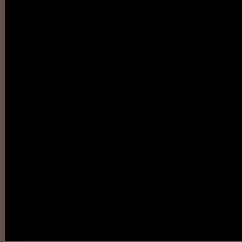
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0180, -3.9529, 7.8772

Background



This preview shows how black text looks on a background with the YUV color 87.0180, -3.9529, 7.8772.



This preview shows how white text looks on a background with the YUV color 87.0180, -3.9529,

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

87.0180, -3.9529, 7.8772

Protanopia

86.5120, -3.2104, 3.0590

Deuteranopia

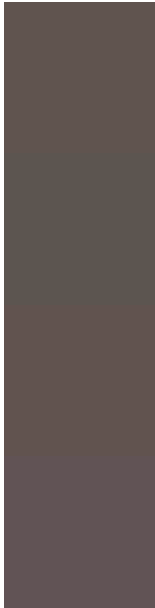
87.0290, -3.9583, 9.6216



Tritanopia

87.8700, 0.5571, 8.0070

Trichromacy



Original Color

87.0180, -3.9529, 7.8772

Protanomaly

86.5230, -3.2158, 4.8033

Deuteranomaly

86.7300, -3.8109, 9.0068

Tritanomaly

87.4140, -1.1901, 8.4069

Monochromacy



Original Color

87.0180, -3.9529, 7.8772

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9680, -1.4632, 2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0180, -3.9529, 7.8772 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(96, 84, 79)` looks like.

```
.text, #text, p{  
    color:rgb(96, 84, 79)  
}
```

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(96, 84, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 84, 79) }
```

Border

The CSS property to change the border of an element to YUV 87.0180, -3.9529, 7.8772 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(96, 84, 79) }
```


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

```
.border{ border-color:rgb(96, 84, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 84, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 84, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 84, 79);  
box-shadow:4px 4px 4px 4px rgb(96, 84, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.0180, -3.9529, 7.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 84, 79) }
```

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

```
.background{ background-color: rgb(96, 84,  
79) }
```

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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