

Converting Colors

YUV(79.4280, -9.0850, 20.6726)

Have a look what the booklet for
YUV(79.4280, -9.0850, 20.6726)
contains.

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Color

**YUV(79.4280, -9.0850,
20.6726)**

Conversions

Conversions Part 1

Format	Color
Hex	67473D
RGB	103, 71, 61
RGB Percent	40%, 28%, 24%
CMY	0.5961, 0.7216, 0.7608
CMYK	0.00, 0.31, 0.41, 0.60
HSL	14°, 26%, 32%
HSV	14°, 41%, 40%
XYZ	8.6891, 7.7270, 5.4484
YIQ	79.4280, 22.2820, 3.6740

Conversions

Conversions Part 2

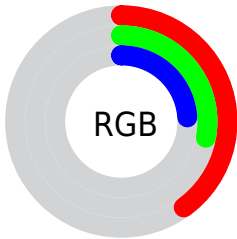
Format	Color
R_{YB}	103, 74, 61
Decimal	6768445
CIE Lab	33.41, 12.28, 11.49
CIE LCh	33, 16.812, 43.093
Yxy	7.7270, 0.3974, 0.3534
Android (android.graphics.Color)	4284958525 (0xFF67473D)
YUV	79.4280, -9.0850, 20.6726
Hunter-Lab	27.7974, 7.1510, 7.8372

Details

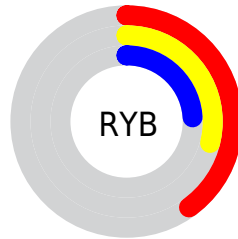
The YUV color **79.4280, -9.0850, 20.6726** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **84.5720, 9.0850, -20.6726**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0970, -10.4008, 22.7169**, and **34.1610, -7.4744, 17.3988** is the 20% darker color. If you saturate the color by 10%, you get **73.5920, -11.1379, 25.7908**, and if you desaturate by 10%, it is **85.2640, -7.0322, 15.5545**.

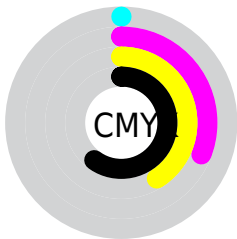
Distribution



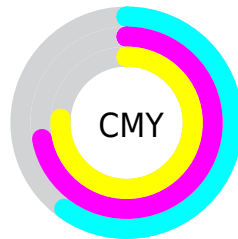
- Red (40%)
- Green (28%)
- Blue (24%)



- Red (40%)
- Yellow (29%)
- Blue (24%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (60%)



- Cyan (60%)
- Magenta (72%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4280, -9.0850, 20.6726 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 79.4280, -9.0850, 20.6726 by changing the saturation by 10% instead.

■ 79.4280, -9.0850,
20.6726

■ 79.4280, -9.0850,
20.6726

■ 255.0000, 0.0000,
0.0000

■ 55.9440, -8.3534,
19.3431

■ 129.0970,
-10.4008, 22.7169

■ 34.1610, -7.4744,
17.3988

■ 155.1080,
-10.4062, 24.4613

■ 11.0410, -5.4432,
19.2580

■ 182.2930,
-10.9904, 25.1760

■ 0.0000, 0.0000,
0.0000

■ 209.5920,
-11.1379, 25.7908

■ 234.0040, -9.3690,
18.4135

■ 253.6320, -5.2416,

1.1997

■ 79.4280, -9.0850,
20.6726

■ 79.4280, -9.0850,
20.6726

■ 73.5920, -11.1379,
25.7908

■ 85.2640, -7.0322,
15.5545

■ 67.6420, -13.6275,
31.0090

■ 91.2140, -4.5425,
10.3363

■ 61.8060, -15.6804,
36.1271

■ 97.0500, -2.4896,
5.2182

■ 56.5570, -18.0226,
40.7305

■ 102.2990, -0.1474,
0.6148

■ 50.7210, -20.0755,
45.8487

■ 108.2490, 2.3422,
-4.6034

■ 45.4720, -22.4177,
50.4521

■ 114.0850, 4.3951,
-9.7215

■ 119.9210, 6.4479,
-14.8397

■ 125.7570, 8.5008,
-19.9579

■ 131.7070, 10.9904,
-25.1760

Harmonies

Analogous

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



80.2200, -3.5595, 21.7321



79.4280, -9.0850, 20.6726



78.4720, -12.5577, 14.4951

Triad

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



79.4280, -9.0850, 20.6726



73.4230, -1.6875, -18.7880



78.5720, 12.5360, -7.5176

Complementary

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



79.4280, -9.0850, 20.6726



84.5720, 9.0850, -20.6726

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.



75.2390, 14.1792, -21.2576



79.4280, -9.0850, 20.6726



71.7190, 6.0545, -28.6946

Square

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



79.4280, -9.0850, 20.6726



75.4800, -8.1246, -7.4370



72.2010, 11.7329, -29.9943



80.3350, 8.7088, 6.7222

Rectangle

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



79.4280, -9.0850, 20.6726



77.7270, -12.6834, 8.1324



72.2010, 11.7329, -29.9943



77.1800, 13.7153, -12.4359

Sweetspot

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



79.4280, -9.0850, 20.6726



126.1320, -3.5161, 7.7772



77.2060, 7.7864, 22.6213



63.7510, -2.3422, 4.6034



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



79.4280, -9.0850, 20.6726



98.1260, -14.3591, 32.3385



91.7550, -15.1622, 9.8619



48.0820, -1.0264, 2.5591



50.2340, -24.7654, 56.7998



106.4040, -52.4572, 118.9177

Inverse Universe

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



84.5720, 9.0850, -20.6726



105.8740, 14.3591, -32.3385



72.2450, 15.1622, -9.8619



48.9180, 1.0264, -2.5591



64.1790, 25.0548, -56.2850



136.1830, 52.1678, -119.4325

Previews

White Background



This preview shows how the YUV color 79.4280, -9.0850, 20.6726 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 79.4280, -9.0850, 20.6726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

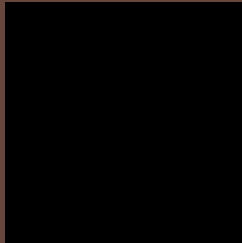
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4280, -9.0850, 20.6726

Background



This preview shows how black text looks on a background with the YUV color 79.4280, -9.0850, 20.6726.



This preview shows how white text looks on a background with the YUV color 79.4280, -9.0850,

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

79.4280, -9.0850, 20.6726

Protanopia

78.6000, -6.7048, 3.8588

Deuteranopia

79.2590, -9.4947, 12.0509



Tritanopia

80.0350, -2.9753, 21.0173

Trichromacy



Original Color

79.4280, -9.0850, 20.6726

Protanomaly

78.8180, -7.3053, 9.8066

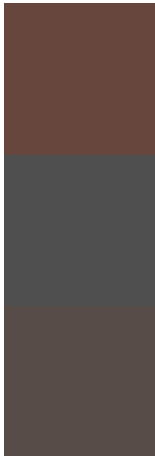
Deuteranomaly

79.2810, -9.5055, 15.5396

Tritanomaly

80.0520, -5.4486, 21.0024

Monochromacy



Original Color

79.4280, -9.0850, 20.6726

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1320, -3.5161, 7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4280, -9.0850, 20.6726 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(103, 71, 61)` looks like.

```
.text, #text, p{  
    color:rgb(103, 71, 61)  
}
```

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(103, 71, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 71, 61) }
```

Border

The CSS property to change the border of an element to YUV 79.4280, -9.0850, 20.6726 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(103, 71, 61) }
```


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

```
.border{ border-color:rgb(103, 71, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 71, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 71, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 71, 61);  
box-shadow:4px 4px 4px 4px rgb(103, 71,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 79.4280, -9.0850, 20.6726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 71, 61) }
```

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

```
.background{ background-color: rgb(103, 71,  
61) }
```

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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