

Converting Colors

YUV(76.5280, 2.6977, 21.4619)

Have a look what the booklet for
YUV(76.5280, 2.6977, 21.4619)
contains.

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Color

**YUV(76.5280, 2.6977,
21.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	653F52
RGB	101, 63, 82
RGB Percent	40%, 25%, 32%
CMY	0.6039, 0.7529, 0.6784
CMYK	0.00, 0.38, 0.19, 0.60
HSL	330°, 23%, 32%
HSV	330°, 38%, 40%
XYZ	8.6673, 6.9309, 8.8636
YIQ	76.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

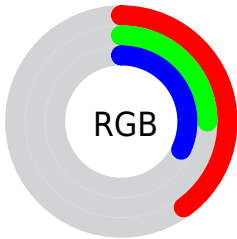
Format	Color
R_{YB}	101, 63, 82
Decimal	6635346
CIE Lab	31.65, 19.67, -4.53
CIE LCh	32, 20.183, 347.043
Yxy	6.9309, 0.3543, 0.2833
Android (android.graphics.Color)	4284825426 (0xFF653F52)
YUV	76.5280, 2.6977, 21.4619
Hunter-Lab	26.3266, 12.6947, -1.5331

Details

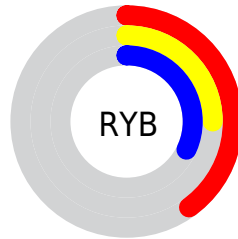
The YUV color **76.5280, 2.6977, 21.4619** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.4720, -2.6977, -21.4619**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8380, 2.5449, 23.8211**, and **31.2180, 2.8505, 19.1028** is the 20% darker color. If you saturate the color by 10%, you get **70.0880, 3.4076, 27.1098**, and if you desaturate by 10%, it is **82.9680, 1.9878, 15.8141**.

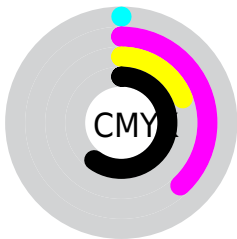
Distribution



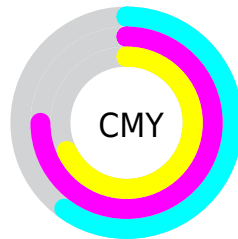
- Red (40%)
- Green (25%)
- Blue (32%)



- Red (40%)
- Yellow (25%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (19%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5280, 2.6977, 21.4619 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 76.5280, 2.6977, 21.4619 by changing the saturation by 10% instead.

■ 76.5280, 2.6977,
21.4619

■ 76.5280, 2.6977,
21.4619

■ 255.0000, 0.0000,
0.0000

■ 52.9300, 2.9925,
20.2324

■ 125.8380, 2.5449,
23.8211

■ 31.2180, 2.8505,
19.1028

■ 152.1370, 2.3975,
24.4359

■ 12.1040, 2.4137,
19.2028

■ 178.8490, 2.5394,
25.5654

■ 0.0000, 0.0000,
0.0000

■ 206.8490, 2.5394,
25.5654

■ 231.5710, 4.1555,
20.5472

■ 250.3040, 2.3151,

4.1184

■ 76.5280, 2.6977,
21.4619

■ 76.5280, 2.6977,
21.4619

■ 70.0880, 3.4076,
27.1098

■ 82.9680, 1.9878,
15.8141

■ 63.6480, 4.1175,
32.7577

■ 89.4080, 1.2779,
10.1662

■ 57.2080, 4.8275,
38.4056

■ 95.8480, 0.5679,
4.5183

■ 50.7680, 5.5374,
44.0535

■ 102.2880, -0.1420,
-1.1296

■ 44.3280, 6.2473,
49.7013

■ 109.3150, -1.1413,
-7.2923

■ 37.3010, 7.2466,
55.8640

■ 115.7550, -1.8512,
-12.9401

■ 36.0130, 7.3886,
56.9936

■ 122.1950, -2.5611,
-18.5880

■ 128.6350, -3.2711,
-24.2359

■ 135.0750, -3.9810,
-29.8838

Harmonies

Analogous

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



76.5850, 9.5716, 10.0110



76.5280, 2.6977, 21.4619



76.1990, -5.0281, 26.1355

Triad

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



76.5280, 2.6977, 21.4619



72.3520, -13.9775, 3.1993



63.3890, 16.5702, -41.5602

Complementary

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



76.5280, 2.6977, 21.4619



87.4720, -2.6977, -21.4619

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.



63.5650, 9.5815, -39.9605



76.5280, 2.6977, 21.4619



70.2300, -8.9874, -10.7257

Square

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



76.5280, 2.6977, 21.4619



73.9020, -14.7417, 14.9949



67.7210, -0.3555, -26.0653



69.7160, 17.3950, -26.0609

Rectangle

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



76.5280, 2.6977, 21.4619



75.0480, -9.3907, 25.3909



67.7210, -0.3555, -26.0653



62.3240, 15.1233, -44.1341

Sweetspot

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



76.5280, 2.6977, 21.4619



120.9840, 0.9939, 7.9070



73.0130, 13.7976, 7.8816



60.8480, 0.5679, 4.5183



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



76.5280, 2.6977, 21.4619



92.6480, 4.1175, 32.7577



74.3620, -5.6015, 23.3615



47.7230, 0.1366, 2.8739



40.8830, 7.9457, 65.0006



86.1520, 17.1801, 136.6787

Inverse Universe

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



76.5280, 2.6977, 21.4619



92.6480, 4.1175, 32.7577



89.6380, 5.6015, -23.3615



47.7230, 0.1366, 2.8739



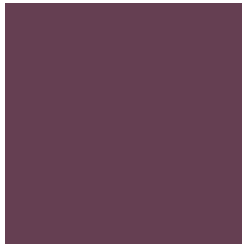
40.8830, 7.9457, 65.0006



86.1520, 17.1801, 136.6787

Previews

White Background



This preview shows how the YUV color 76.5280, 2.6977, 21.4619 looks on a white background.

Color Contrast Check

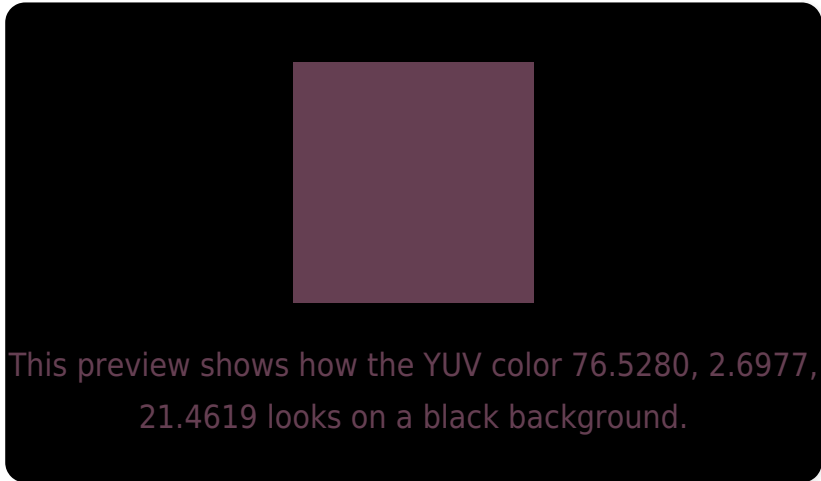
Large Text (above 18pt) WCAG AA ✓ Pass

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

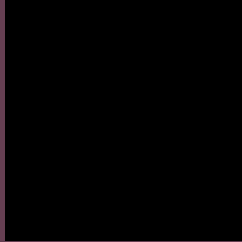
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5280, 2.6977, 21.4619

Background



This preview shows how black text looks on a background with the YUV color 76.5280, 2.6977, 21.4619.



This preview shows how white text looks on a background with the YUV color 76.5280, 2.6977,

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

76.5280, 2.6977, 21.4619

Protanopia

75.1120, 6.8468, -2.7292

Deuteranopia

75.8910, 2.0257, 3.6036



Tritanopia

76.0350, -2.9753, 21.0173

Trichromacy



Original Color

76.5280, 2.6977, 21.4619

Protanomaly

75.7110, 5.0725, 6.3925

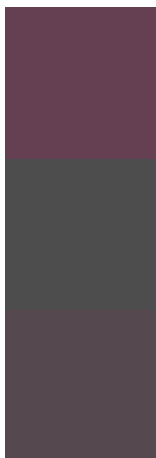
Deuteranomaly

76.0490, 2.4408, 10.4810

Tritanomaly

75.9040, -0.9387, 21.1322

Monochromacy



Original Color

76.5280, 2.6977, 21.4619

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9840, 0.9939, 7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5280, 2.6977, 21.4619 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(101, 63, 82)` looks like.

```
.text, #text, p{  
    color:rgb(101, 63, 82)  
}
```

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(101, 63, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 63, 82) }
```

Border

The CSS property to change the border of an element to YUV 76.5280, 2.6977, 21.4619 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(101, 63, 82) }
```


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

```
.border{ border-color:rgb(101, 63, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 63, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 63, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 63, 82);  
box-shadow:4px 4px 4px 4px rgb(101, 63,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 76.5280, 2.6977, 21.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 63, 82) }
```

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

```
.background{ background-color: rgb(101, 63,  
82) }
```

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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