

Converting Colors

YUV(41.7970, 21.7921, 57.1830)

Have a look what the booklet for
YUV(41.7970, 21.7921, 57.1830)
contains.

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Color

**YUV(41.7970, 21.7921,
57.1830)**

Conversions

Conversions Part 1	
Format	Color
Hex	6B0056
RGB	107, 0, 86
RGB Percent	42%, 0%, 34%
CMY	0.5804, 1.0000, 0.6627
CMYK	0.00, 1.00, 0.20, 0.58
HSL	312°, 100%, 21%
HSV	312°, 100%, 42%
XYZ	7.7431, 3.7977, 9.1290
YIQ	41.7970, 36.1660, 49.4300

Conversions

Conversions Part 2

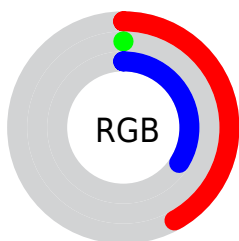
Format	Color
RYB	107, 0, 86
Decimal	7012438
CIELab	22.99, 48.69, -20.31
CIELCh	23, 52.753, 337.357
Yxy	3.7977, 0.3746, 0.1837
Android (android.graphics.Color)	4285202518 (0xFF6B0056)
YUV	41.7970, 21.7921, 57.1830
Hunter-Lab	19.4877, 36.8208, -14.1331

Details

The YUV color **41.7970, 21.7921, 57.1830** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **65.2030, -21.7921, -57.1830**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.0970, 16.7142, 52.5349**, and **21.4180, 9.6539, 30.3284** is the 20% darker color. If you saturate the color by 10%, you get **41.7970, 21.7921, 57.1830**, and if you desaturate by 10%, it is **48.4820, 19.4824, 51.3203**.

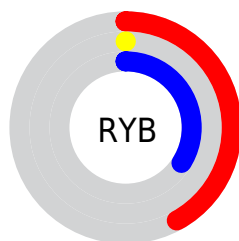
Distribution



Red (42%)

Green (0%)

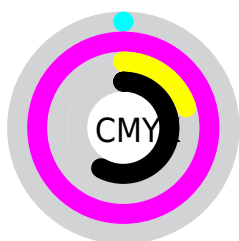
Blue (34%)



Red (42%)

Yellow (0%)

Blue (34%)

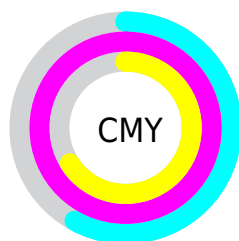


Cyan (0%)

Magenta (100%)

Yellow (20%)

Black (58%)



Cyan (58%)

Magenta (100%)


Yellow (66%)


Brightness & Saturation


Gradients


These gradients show how the YUV color 41.7970, 21.7921, 57.1830 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 41.7970, 21.7921, 57.1830 by changing the saturation by 10% instead.


 41.7970, 21.7921,
57.1830


 41.7970, 21.7921,
57.1830

 255.0000, 0.0000,
0.0000


 31.4010, 15.5783,
43.4983


 102.0970, 16.7142,
52.5349


 21.4180, 9.6539,
30.3284


 128.6950, 16.4194,
53.7645

 10.5380, 4.1718,
15.3142

 156.4070, 16.5613,
54.8941

 0.0000, 0.0000,
0.0000


 184.0050, 16.2665,
56.1236


 205.2530, 20.0883,
43.6281


 222.7150, 15.9165,


28.3139

 239.7380, 7.5242,
13.3848


 41.7970, 21.7921,
57.1830

 48.4820, 19.4824,
51.3203

 54.5800, 17.4621,
45.9723

 61.2650, 15.1524,
40.1096

 67.9500, 12.8427,
34.2469

 74.7490, 10.9697,
28.2841

■ 80.8470, 8.9494,
22.9362

■ 87.5320, 6.6397,
17.0734

■ 94.2170, 4.3300,
11.2107

■ 100.3150, 2.3097,
5.8627

Harmonies

Analogous

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



54.8940, 31.1113, 7.9860



41.7970, 21.7921, 57.1830



41.5370, 2.6933, 69.6891

Triad

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



41.7970, 21.7921, 57.1830



51.3990, -25.3397, 7.5431



52.7180, 24.2960, -46.2337

Complementary

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



41.7970, 21.7921, 57.1830



65.2030, -21.7921, -57.1830

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.



48.3860, 7.6977, -42.4345



41.7970, 21.7921, 57.1830



41.7430, -20.5793, -26.0846

Square

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



41.7970, 21.7921, 57.1830



51.5750, -25.4265, 35.4527



43.0110, -10.3584, -37.7206



53.9210, 36.5209, -47.2887

Rectangle

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



41.7970, 21.7921, 57.1830



37.7900, -7.7845, 70.3442



43.0110, -10.3584, -37.7206



51.9370, 18.7651, -45.5487

Sweetspot

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



41.7970, 21.7921, 57.1830



114.4340, 8.6600, 22.4214



18.1780, 43.7892, 1.5979



55.7550, 5.0508, 13.3699



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



41.7970, 21.7921, 57.1830



54.7420, 28.7212, 74.7713



35.8690, -0.9214, 62.3819



50.2500, 0.8628, 3.2887



45.6990, 23.8124, 62.5310



95.7130, 49.9345, 130.9247

Inverse Universe

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



41.7970, 21.7921, 57.1830



54.7420, 28.7212, 74.7713



71.1310, 0.9214, -62.3819



50.2500, 0.8628, 3.2887



45.6990, 23.8124, 62.5310



95.7130, 49.9345, 130.9247

Previews

White Background



This preview shows how the YUV color 41.7970, 21.7921, 57.1830 looks on a white background.

Color Contrast Check

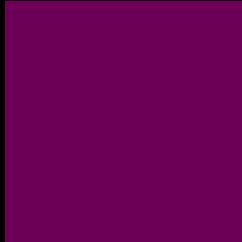
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.7970, 21.7921, 57.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

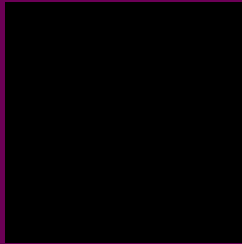
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7970, 21.7921, 57.1830

Background



This preview shows how black text looks on a background with the YUV color 41.7970, 21.7921, 57.1830.



This preview shows how white text looks on a background with the YUV color 41.7970, 21.7921,

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



Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

58.8280, 10.9308, -5.9882

Tritanopia

54.8590, -9.2975, 42.2197

Trichromacy



Protanomaly
45.1050, 31.0072, -5.3541

Deuteranomaly
52.7090, 14.9335, 16.9182

Tritanomaly
50.1660, 1.8902, 47.2124

Monochromacy



Achromatopsia
42.0000, 0.0000, 0.0000

Achromatomaly
42.1950, 7.7919, 20.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7970, 21.7921, 57.1830 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(107, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 86)  
}
```

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(107, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 86) }
```

Border

The CSS property to change the border of an element to YUV 41.7970, 21.7921, 57.1830 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(107, 0, 86) }
```

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

```
.border{ border-color:rgb(107, 0, 86) }
```

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

Here you see how a box with a 4 pixel rgb(107, 0, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 86);  
box-shadow:4px 4px 4px 4px rgb(107, 0, 86)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.7970, 21.7921, 57.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 86) }
```

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

```
.background{ background-color: rgb(107, 0,  
86) }
```

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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