

Converting Colors

YUV(42.7780, 13.9134, 64.2157)

Have a look what the booklet for
YUV(42.7780, 13.9134, 64.2157)
contains.

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Color

**YUV(42.7780, 13.9134,
64.2157)**

Conversions

Conversions Part 1

Format	Color
Hex	740047
RGB	116, 0, 71
RGB Percent	45%, 0%, 28%
CMY	0.5451, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.39, 0.55
HSL	323°, 100%, 23%
HSV	323°, 100%, 45%
XYZ	8.3398, 4.1679, 6.3262
YIQ	42.7780, 46.3450, 46.6730

Conversions

Conversions Part 2

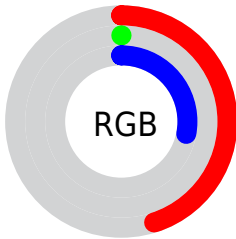
Format	Color
RYB	116, 0, 71
Decimal	7602247
CIELab	24.22, 48.82, -8.12
CIELCh	24, 49.495, 350.558
Yxy	4.1679, 0.4428, 0.2213
Android (android.graphics.Color)	4285792327 (0xFF740047)
YUV	42.7780, 13.9134, 64.2157
Hunter-Lab	20.4155, 37.1905, -4.0814

Details

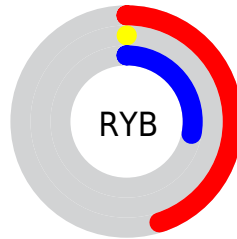
The YUV color **42.7780, 13.9134, 64.2157** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **73.2220, -13.9134, -64.2157**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.7360, 7.5252, 59.8675**, and **22.0290, 2.9437, 35.9316** is the 20% darker color. If you saturate the color by 10%, you get **42.7780, 13.9134, 64.2157**, and if you desaturate by 10%, it is **50.3920, 12.6247, 57.5382**.

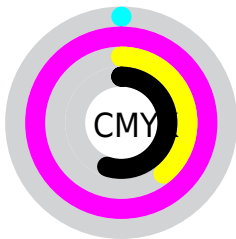
Distribution



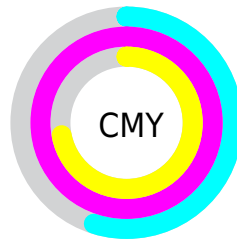
- Red (45%)
- Green (0%)
- Blue (28%)



- Red (45%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7780, 13.9134, 64.2157 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 42.7780, 13.9134, 64.2157 by changing the saturation by 10% instead.

42.7780, 13.9134,
64.2157

42.7780, 13.9134,
64.2157

255.0000, 0.0000,
0.0000

32.1970, 8.2839,
49.8162

103.7360, 7.5252,
59.8675

22.0290, 2.9437,
35.9316

131.2200, 6.7935,
61.1971

11.1770, -5.0173,
22.6468

158.2310, 6.7881,
62.9414

0.0000, 0.0000,
0.0000

184.6330, 7.0829,
61.7119

204.2610, 11.2103,
44.4981

223.8890, 15.3377,

27.2843

■ 240.9120, 6.9454,
12.3552

■ 42.7780, 13.9134,
64.2157

■ 50.3920, 12.6247,
57.5382

■ 57.3050, 11.1886,
51.4755

■ 64.9190, 9.8999,
44.7980

■ 71.8320, 8.4638,
38.7353

■ 79.4460, 7.1751,
32.0579

■ 86.9460, 5.4496,
25.4804

■ 93.9730, 4.4503,
19.3177

■ 101.4730, 2.7248,
12.7402

■ 108.5000, 1.7255,
6.5775

Harmonies

Analogous

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



57.4790, 23.9209, 27.6439



42.7780, 13.9134, 64.2157



41.5170, -3.7059, 68.8296

Triad

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



42.7780, 13.9134, 64.2157



51.3330, -25.3072, -2.9230



55.3740, 29.3956, -48.5630

Complementary

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



42.7780, 13.9134, 64.2157



73.2220, -13.9134, -64.2157

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.



52.3130, 15.1287, -45.8785



42.7780, 13.9134, 64.2157



40.6170, -19.5312, -35.6211

Square

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



42.7780, 13.9134, 64.2157



54.7430, -26.9883, 23.0274



47.2800, -1.6170, -41.4646



53.7900, 38.5575, -47.1738

Rectangle

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



42.7780, 13.9134, 64.2157



48.7870, -20.1080, 56.3148



47.2800, -1.6170, -41.4646



54.3480, 25.4644, -47.6632

Sweetspot

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



42.7780, 13.9134, 64.2157



121.6470, 5.5970, 24.8656



26.3800, 44.1827, 15.4527



59.3100, 3.2982, 15.5141



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



42.7780, 13.9134, 64.2157



55.3380, 18.0744, 83.0186



36.2800, -10.9840, 69.9144



55.1360, 0.4260, 3.3887



45.0280, 14.7762, 67.5044



92.1920, 29.9783, 138.3976

Inverse Universe

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



42.7780, 13.9134, 64.2157



55.3380, 18.0744, 83.0186



79.7200, 10.9840, -69.9144



55.1360, 0.4260, 3.3887



45.0280, 14.7762, 67.5044



92.1920, 29.9783, 138.3976

Previews

White Background



This preview shows how the YUV color 42.7780, 13.9134, 64.2157 looks on a white background.

Color Contrast Check

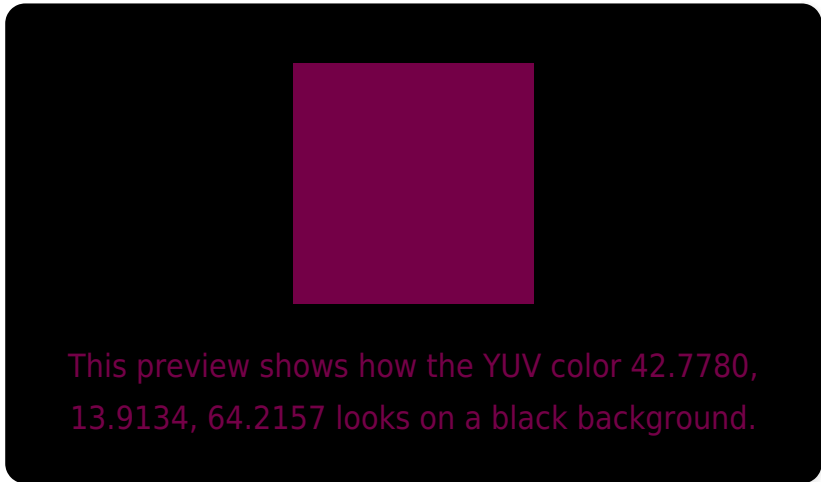
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.7780, 13.9134, 64.2157

Background



This preview shows how black text looks on a background with the YUV color 42.7780, 13.9134, 64.2157.



This preview shows how white text looks on a background with the YUV color 42.7780, 13.9134,

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

42.7780, 13.9134, 64.2157

Protanopia

60.0040, 20.7040, -14.0355

Deuteranopia

62.1790, 1.8838, 2.4740



Tritanopia

53.8280, -12.2402, 52.7708

Trichromacy



Original Color

42.7780, 13.9134, 64.2157

Protanomaly

53.6100, 18.4333, 14.3740

Deuteranomaly

55.1740, 6.3232, 25.2804

Tritanomaly

49.9670, -2.9417, 57.0339

Monochromacy



Original Color

42.7780, 13.9134, 64.2157

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8210, 5.0182, 23.8360

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7780, 13.9134, 64.2157 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(116, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(116, 0, 71)  
}
```

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(116, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 0, 71) }
```

Border

The CSS property to change the border of an element to YUV 42.7780, 13.9134, 64.2157 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(116, 0, 71) }
```


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

```
.border{ border-color:rgb(116, 0, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 0, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(116, 0, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.7780, 13.9134, 64.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 0, 71) }
```

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

```
.background{ background-color: rgb(116, 0,  
71) }
```

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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