

Converting Colors

YUV(42.2720, 7.7539, 33.0875)

Have a look what the booklet for
YUV(42.2720, 7.7539, 33.0875)
contains.

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Color

**YUV(42.2720, 7.7539,
33.0875)**

Conversions

Conversions Part 1

Format	Color
Hex	50143A
RGB	80, 20, 58
RGB Percent	31%, 8%, 23%
CMY	0.6863, 0.9216, 0.7725
CMYK	0.00, 0.75, 0.28, 0.69
HSL	322°, 60%, 20%
HSV	322°, 75%, 31%
XYZ	4.3221, 2.5113, 4.2599
YIQ	42.2720, 23.5620, 24.5380

Conversions

Conversions Part 2

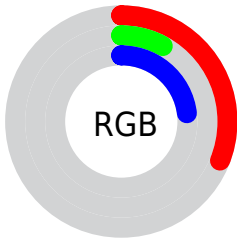
Format	Color
RYB	80, 20, 58
Decimal	5248058
CIELab	17.97, 32.05, -9.33
CIELCh	18, 33.376, 343.771
Yxy	2.5113, 0.3896, 0.2264
Android (android.graphics.Color)	4283438138 (0xFF50143A)
YUV	42.2720, 7.7539, 33.0875
Hunter-Lab	15.8470, 20.9522, -4.8451

Details

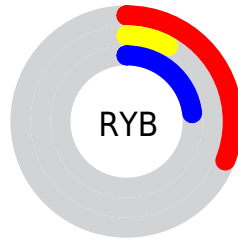
The YUV color **42.2720, 7.7539, 33.0875** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **57.7280, -7.7539, -33.0875**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.3540, 6.7275, 35.6465**, and **11.8760, 1.5401, 19.4027** is the 20% darker color. If you saturate the color by 10%, you get **37.2340, 8.7586, 37.5058**, and if you desaturate by 10%, it is **47.3100, 6.7492, 28.6691**.

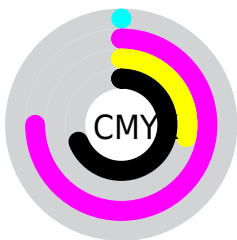
Distribution



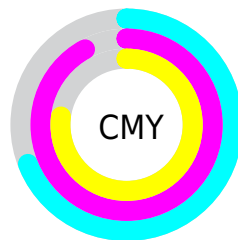
- Red (31%)
- Green (8%)
- Blue (23%)



- Red (31%)
- Yellow (8%)
- Blue (23%)



- Cyan (0%)
- Magenta (75%)
- Yellow (28%)
- Black (69%)



- Cyan (69%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.2720, 7.7539, 33.0875 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 42.2720, 7.7539, 33.0875 by changing the saturation by 10% instead.

42.2720, 7.7539,
33.0875

42.2720, 7.7539,
33.0875

255.0000, 0.0000,
0.0000

20.5490, 7.6173,
30.2135

91.3540, 6.7275,
35.6465

11.8760, 1.5401,
19.4027

116.9520, 6.4327,
36.8761

0.0000, 0.0000,
0.0000


142.6640, 6.5746,
38.0057


169.9630, 6.4272,
38.6204


197.6750, 6.5692,
39.7500

220.3040, 9.2171,


30.4284


 239.1510, 7.8136,
13.8996

 42.2720, 7.7539,
33.0875


 42.2720, 7.7539,
33.0875

 37.2340, 8.7586,
37.5058

 47.3100, 6.7492,
28.6691


 32.1960, 9.7634,
41.9241

 52.3480, 5.7444,
24.2508

 29.7340, 10.4841,
44.0833

 57.3860, 4.7397,
19.8325

 62.4240, 3.7350,
15.4142

 67.4620, 2.7302,
10.9958

■ 72.5000, 1.7255,
6.5775

■ 77.5380, 0.7208,
2.1592

■ 82.4620, -0.7208,
-2.1592

■ 87.5000, -1.7255,
-6.5775

Harmonies

Analogous

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



45.4310, 16.5495, 11.9000



42.2720, 7.7539, 33.0875



39.5690, -2.7455, 40.7200

Triad

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



42.2720, 7.7539, 33.0875



40.7560, -20.0927, 4.5990



40.4760, 18.0063, -35.4975

Complementary

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



42.2720, 7.7539, 33.0875



57.7280, -7.7539, -33.0875

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.



38.5550, 8.1074, -33.8127



42.2720, 7.7539, 33.0875



34.9490, -16.2439, -16.6183

Square

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



42.2720, 7.7539, 33.0875



42.0400, -20.7257, 21.0129



35.1180, -2.5232, -30.7985



39.6100, 24.8423, -34.7380

Rectangle

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



42.2720, 7.7539, 33.0875



40.4840, -10.5916, 37.2865



35.1180, -2.5232, -30.7985



39.6780, 14.9487, -34.7976

Sweetspot

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



42.2720, 7.7539, 33.0875



89.8860, 3.0142, 13.2550



33.4180, 22.9649, 7.5264



44.5110, 1.7201, 8.3219



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



42.2720, 7.7539, 33.0875



45.2450, 12.2042, 52.4051



38.8520, -5.3500, 36.0868



38.4240, 0.2840, 2.2592



38.9190, 13.3509, 57.9530



86.1260, 30.0109, 127.9315

Inverse Universe

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



42.2720, 7.7539, 33.0875



45.2450, 12.2042, 52.4051



61.1480, 5.3500, -36.0868



38.4240, 0.2840, 2.2592



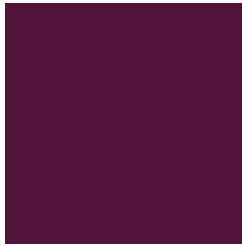
38.9190, 13.3509, 57.9530



86.1260, 30.0109, 127.9315

Previews

White Background



This preview shows how the YUV color 42.2720, 7.7539, 33.0875 looks on a white background.

Color Contrast Check

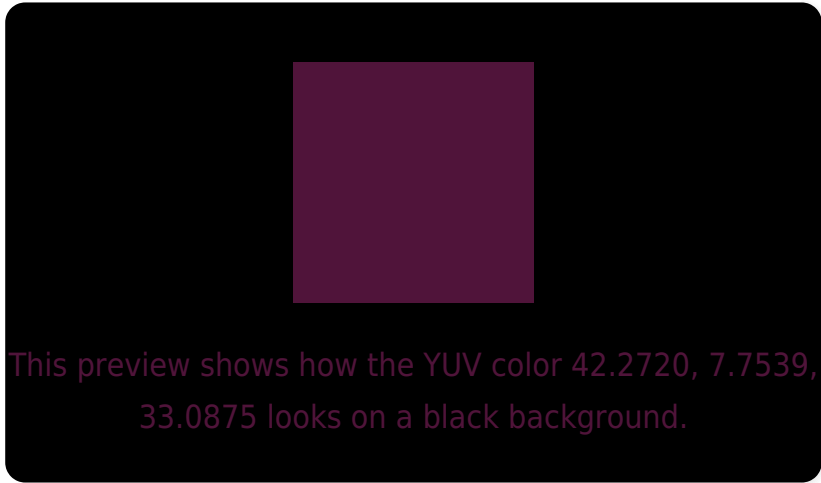
Large Text (above 18pt) WCAG AA ✓ Pass

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

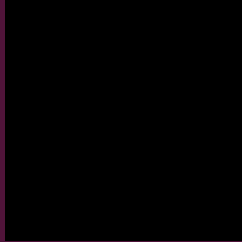
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.2720, 7.7539, 33.0875

Background



This preview shows how black text looks on a background with the YUV color 42.2720, 7.7539, 33.0875.



This preview shows how white text looks on a background with the YUV color 42.2720, 7.7539,

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

42.2720, 7.7539, 33.0875

Protanopia

44.9460, 15.3096, -10.4766

Deuteranopia

46.4390, 4.2206, -0.3850



Tritanopia

43.7650, -6.7861, 30.0241

Trichromacy



Original Color

42.2720, 7.7539, 33.0875

Protanomaly

43.9480, 12.3506, 5.3076

Deuteranomaly

44.8580, 5.4930, 11.5255

Tritanomaly

43.4430, -1.6974, 31.1835

Monochromacy



Original Color

42.2720, 7.7539, 33.0875

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1740, 2.8722, 12.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.2720, 7.7539, 33.0875 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(80, 20, 58)` looks like.

```
.text, #text, p{  
    color:rgb(80, 20, 58)  
}
```

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(80, 20, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 20, 58) }
```

Border

The CSS property to change the border of an element to YUV 42.2720, 7.7539, 33.0875 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(80, 20, 58) }
```


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

```
.border{ border-color:rgb(80, 20, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 20, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 20, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 20, 58);  
box-shadow:4px 4px 4px 4px rgb(80, 20, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.2720, 7.7539, 33.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 20, 58) }
```

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

```
.background{ background-color: rgb(80, 20,  
58) }
```

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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