

Converting Colors

YUV(42.1320, -0.0651, 20.9322)

Have a look what the booklet for
YUV(42.1320, -0.0651, 20.9322)
contains.

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Color

**YUV(42.1320, -0.0651,
20.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	421E2A
RGB	66, 30, 42
RGB Percent	26%, 12%, 16%
CMY	0.7412, 0.8824, 0.8353
CMYK	0.00, 0.55, 0.36, 0.74
HSL	340°, 38%, 19%
HSV	340°, 55%, 26%
XYZ	3.1290, 2.2540, 2.4606
YIQ	42.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

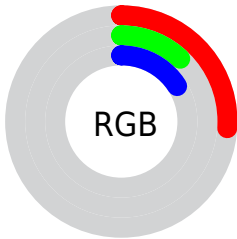
Format	Color
RYB	66, 30, 42
Decimal	4333098
CIELab	16.77, 19.01, -0.05
CIELCh	17, 19.009, 359.851
Yxy	2.2540, 0.3989, 0.2874
Android (android.graphics.Color)	4282523178 (0xFF421E2A)
YUV	42.1320, -0.0651, 20.9322
Hunter-Lab	15.0132, 10.9287, 0.7917

Details

The YUV color **42.1320, -0.0651, 20.9322** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53.8680, 0.0651, -20.9322**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.3280, -0.6547, 23.3913**, and **3.8870, -1.9163, 7.9921** is the 20% darker color. If you saturate the color by 10%, you get **37.5670, 0.2135, 24.9357**, and if you desaturate by 10%, it is **46.6970, -0.3436, 16.9287**.

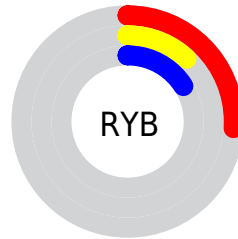
Distribution



Red (26%)

Green (12%)

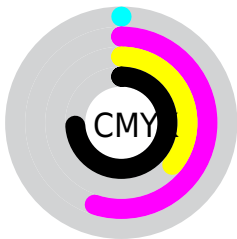
Blue (16%)



Red (26%)

Yellow (12%)

Blue (16%)

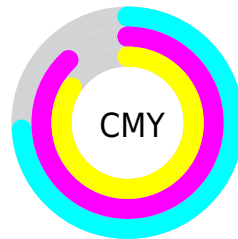


Cyan (0%)

Magenta (55%)

Yellow (36%)

Black (74%)



Cyan (74%)

Magenta (88%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1320, -0.0651, 20.9322 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 42.1320, -0.0651, 20.9322 by changing the saturation by 10% instead.

■ 42.1320, -0.0651,
20.9322

■ 42.1320, -0.0651,
20.9322

■ 255.0000, 0.0000,
0.0000

■ 20.0610, 0.9559,
20.1175

■ 88.3280, -0.6547,
23.3913

■ 3.8870, -1.9163,
7.9921

■ 113.3390, -0.6601,
25.1357

■ 0.0000, 0.0000,
0.0000

■ 138.6380, -0.8075,
25.7505

■ 165.2360, -1.1023,
26.9800

■ 192.5350, -1.2498,
27.5948

■ 220.8340, -1.3972,

28.2096

241.0600, 2.4354,
12.2254

42.1320, -0.0651,
20.9322

42.1320, -0.0651,
20.9322

37.5670, 0.2135,
24.9357

46.6970, -0.3436,
16.9287

33.4750, -0.2342,
28.5244

50.7890, 0.1040,
13.3400

28.9100, 0.0444,
32.5279

55.3540, -0.1745,
9.3365

24.8180, -0.4033,
36.1166

59.4460, 0.2731,
5.7479

22.2420, -0.1193,
38.3758

64.0110, -0.0054,
1.7444

■ 68.5760, -0.2840,
-2.2592

■ 72.6680, 0.1637,
-5.8478

■ 77.2330, -0.1149,
-9.8513

■ 81.3250, 0.3328,
-13.4400

Harmonies

Analogous

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



42.9830, 5.9244, 13.1699



42.1320, -0.0651, 20.9322



41.2370, -6.0328, 21.7172

Triad

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



42.1320, -0.0651, 20.9322



39.1170, -10.9037, -2.7336



34.4120, 15.0799, -30.1793

Complementary

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



42.1320, -0.0651, 20.9322



53.8680, 0.0651, -20.9322

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.



34.3320, 9.6963, -30.1092



42.1320, -0.0651, 20.9322



36.0490, -4.4612, -15.8290

Square

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



42.1320, -0.0651, 20.9322



40.4990, -13.5570, 8.3324



32.8500, 4.0179, -28.8095



38.0760, 14.7525, -18.4837

Rectangle

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



42.1320, -0.0651, 20.9322



41.1890, -9.9532, 19.1282



32.8500, 4.0179, -28.8095



34.6570, 13.4801, -30.3942

Sweetspot

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



42.1320, -0.0651, 20.9322



77.6420, -0.3165, 8.2070



41.2800, 12.1870, 11.1554



37.7340, 0.1311, 4.6183



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



42.1320, -0.0651, 20.9322



49.2090, -0.1030, 33.1427



44.2860, -7.0430, 19.0432



31.0110, -0.0054, 1.7444



32.6510, -0.3209, 56.4341



75.5260, -0.2593, 130.2117

Inverse Universe

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



42.1320, -0.0651, 20.9322



49.2090, -0.1030, 33.1427



51.7140, 7.0430, -19.0432



31.0110, -0.0054, 1.7444



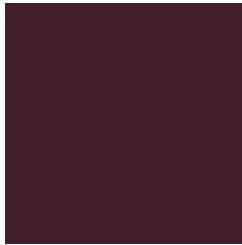
32.6510, -0.3209, 56.4341



75.5260, -0.2593, 130.2117

Previews

White Background



This preview shows how the YUV color 42.1320, -0.0651, 20.9322 looks on a white background.

Color Contrast Check

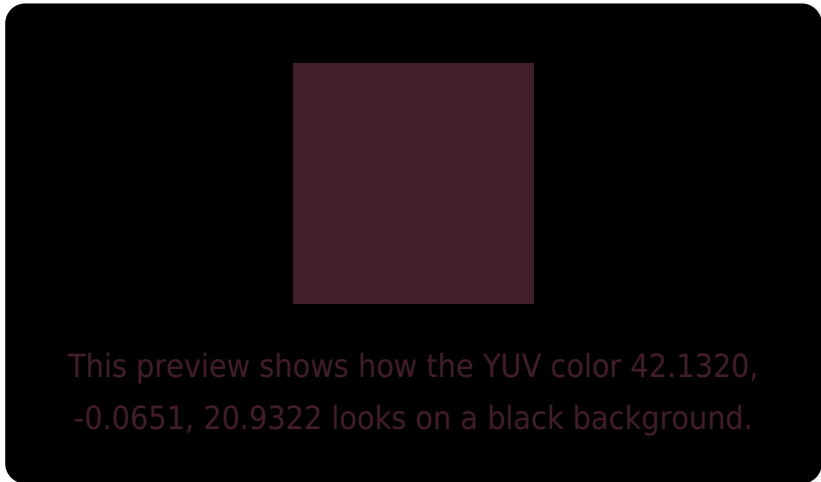
Large Text (above 18pt) WCAG AA ✓ Pass

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

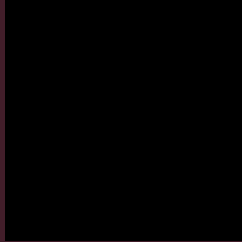
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1320, -0.0651, 20.9322

Background



This preview shows how black text looks on a background with the YUV color 42.1320, -0.0651, 20.9322.



This preview shows how white text looks on a background with the YUV color 42.1320, -0.0651,

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

42.1320, -0.0651, 20.9322

Protanopia

42.4990, 3.2050, -1.3146

Deuteranopia

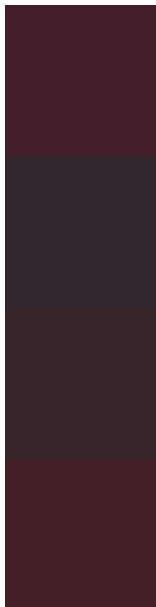
42.6800, -1.3212, 3.7886



Tritanopia

42.0950, -3.9908, 20.0877

Trichromacy



Original Color

42.1320, -0.0651, 20.9322

Protanomaly

42.5000, 1.7255, 6.5775

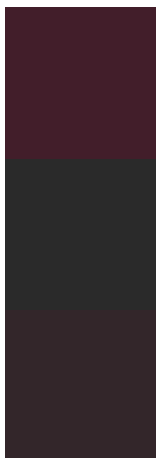
Deuteranomaly

42.5390, -0.7587, 10.0513

Tritanomaly

41.8500, -2.3910, 20.3026

Monochromacy



Original Color

42.1320, -0.0651, 20.9322

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.3430, -0.1691, 7.5922

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1320, -0.0651, 20.9322 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(66, 30, 42)` looks like.

```
.text, #text, p{  
    color:rgb(66, 30, 42)  
}
```

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(66, 30, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 30, 42) }
```

Border

The CSS property to change the border of an element to YUV 42.1320, -0.0651, 20.9322 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(66, 30, 42) }
```


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

```
.border{ border-color:rgb(66, 30, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 30, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 30, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 30, 42);  
box-shadow:4px 4px 4px 4px rgb(66, 30, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.1320, -0.0651, 20.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 30, 42) }
```

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

```
.background{ background-color: rgb(66, 30,  
42) }
```

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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