

Converting Colors

YUV(42.1710, 14.2127, 14.7590)

Have a look what the booklet for
YUV(42.1710, 14.2127, 14.7590)
contains.

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Color

**YUV(42.1710, 14.2127,
14.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1C47
RGB	59, 28, 71
RGB Percent	23%, 11%, 28%
CMY	0.7686, 0.8902, 0.7216
CMYK	0.17, 0.61, 0.00, 0.72
HSL	283°, 43%, 19%
HSV	283°, 61%, 28%
XYZ	3.3562, 2.2152, 6.2119
YIQ	42.1710, 4.6730, 19.9450

Conversions

Conversions Part 2

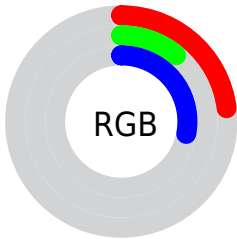
Format	Color
R_{YB}	59, 28, 71
Decimal	3873863
CIE _{Lab}	16.58, 23.61, -20.82
CIE _{LCh}	17, 31.482, 318.591
Yxy	2.2152, 0.2848, 0.1880
Android (android.graphics.Color)	4282063943 (0xFF3B1C47)
YUV	42.1710, 14.2127, 14.7590
Hunter-Lab	14.8837, 14.2046, -14.3269

Details

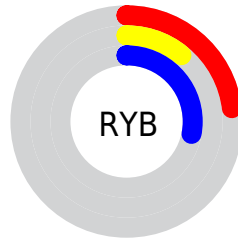
The YUV color **42.1710, 14.2127, 14.7590** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **56.8290, -14.2127, -14.7590**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.8230, 15.3703, 16.8182**, and **4.8720, 10.9091, 0.9893** is the 20% darker color. If you saturate the color by 10%, you get **37.4640, 16.5332, 17.1331**, and if you desaturate by 10%, it is **46.8780, 11.8921, 12.3850**.

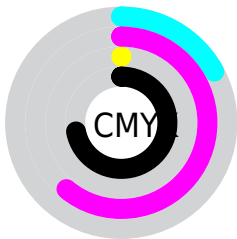
Distribution



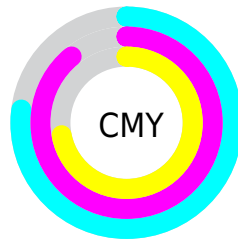
- Red (23%)
- Green (11%)
- Blue (28%)



- Red (23%)
- Yellow (11%)
- Blue (28%)



- Cyan (17%)
- Magenta (61%)
- Yellow (0%)
- Black (72%)



- Cyan (77%)
- Magenta (89%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1710, 14.2127, 14.7590 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 42.1710, 14.2127, 14.7590 by changing the saturation by 10% instead.

■ 42.1710, 14.2127,
14.7590

■ 42.1710, 14.2127,
14.7590

■ 255.0000, 0.0000,
0.0000

■ 19.7580, 13.9233,
14.2442

■ 88.8230, 15.3703,
16.8182

■ 4.8720, 10.9091,
0.9893

■ 113.3500, 16.0965,
17.2331

■ 0.0000, 0.0000,
0.0000

■ 139.6490, 15.9490,
17.8478

■ 166.1760, 16.6752,
18.2626

■ 193.0020, 17.2540,
19.2922

■ 221.1870, 16.6698,

20.0070

240.9120, 6.9454,
12.3552

42.1710, 14.2127,
14.7590

42.1710, 14.2127,
14.7590

37.4640, 16.5332,
17.1331

46.8780, 11.8921,
12.3850

32.7570, 18.8538,
19.5071

51.5850, 9.5716,
10.0110

28.0500, 21.1744,
21.8812

56.2920, 7.2510,
7.6369

23.3430, 23.4949,
24.2552

60.9990, 4.9305,
5.2629

66.2930, 2.3206,
2.3740

■ 71.0000, 0.0000,
0.0000

■ 75.7070, -2.3206,
-2.3740

■ 80.4140, -4.6411,
-4.7481

■ 85.1210, -6.9617,
-7.1221

Harmonies

Analogous

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



38.1500, 22.6041, -16.7945



42.1710, 14.2127, 14.7590



39.4030, 5.7173, 32.9726

Triad

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



42.1710, 14.2127, 14.7590



39.3600, -19.4045, 17.2243



36.2070, 9.2649, -31.7535

Complementary

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



42.1710, 14.2127, 14.7590



56.8290, -14.2127, -14.7590

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.



33.4710, -1.2182, -29.3541



42.1710, 14.2127, 14.7590



37.4890, -18.4821, 1.3251

Square

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



42.1710, 14.2127, 14.7590



38.0180, -17.2639, 30.6792



31.2520, -12.4492, -20.3920



37.7860, 17.8535, -33.1383

Rectangle

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



42.1710, 14.2127, 14.7590



37.4160, -0.6981, 37.3462



31.2520, -12.4492, -20.3920



35.2950, 5.7706, -30.9537

Sweetspot

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



42.1710, 14.2127, 14.7590



80.5260, 5.6567, 5.6777



39.9460, 15.3096, -10.4766



39.2330, 3.3361, 3.3037



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



42.1710, 14.2127, 14.7590



46.9900, 22.1899, 22.8108



44.7330, 8.5126, 23.0362



33.3530, 1.3050, 1.4444



32.8140, 32.6297, 34.3661



74.9140, 74.9784, 78.1284

Inverse Universe

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



42.2250, -1.0969, 25.2357



47.0850, -2.0139, 39.3905



54.2670, -8.5126, -23.0362



33.3100, -0.1528, 2.3591



32.7930, -2.3629, 58.0635



75.0550, -5.9431, 133.2558

Previews

White Background



This preview shows how the YUV color 42.1710, 14.2127, 14.7590 looks on a white background.

Color Contrast Check

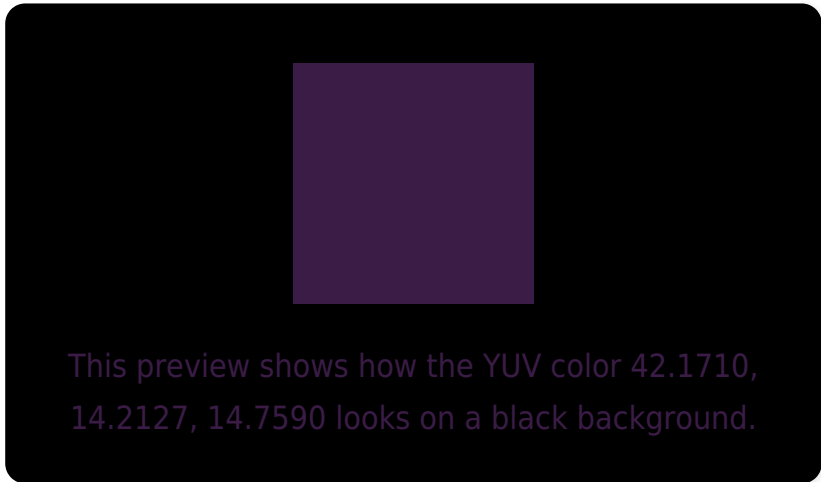
Large Text (above 18pt) WCAG AA ✓ Pass

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

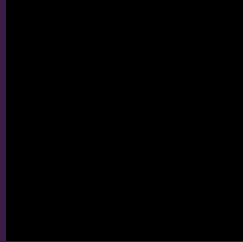
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1710, 14.2127, 14.7590

Background



This preview shows how black text looks on a background with the YUV color 42.1710, 14.2127, 14.7590.



This preview shows how white text looks on a background with the YUV color 42.1710, 14.2127,

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

42.1710, 14.2127, 14.7590

Protanopia

36.8290, 22.7623, -20.8980

Deuteranopia

39.8810, 13.8627, -13.0506



Tritanopia

42.4250, -1.1955, 10.1513

Trichromacy



Original Color

42.1710, 14.2127, 14.7590

Protanomaly

39.1080, 19.6668, -7.9877

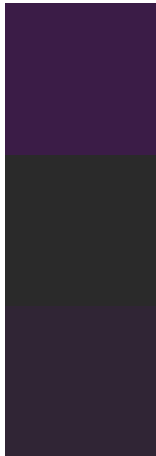
Deuteranomaly

40.6480, 13.9775, -3.1993

Tritanomaly

42.5160, 4.1826, 11.8255

Monochromacy



Original Color

42.1710, 14.2127, 14.7590

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1130, 5.3673, 5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1710, 14.2127, 14.7590 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(59, 28, 71)` looks like.

```
.text, #text, p{  
    color:rgb(59, 28, 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(59, 28, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 28, 71) }
```

Border

The CSS property to change the border of an element to YUV 42.1710, 14.2127, 14.7590 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(59, 28, 71) }
```


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

```
.border{ border-color:rgb(59, 28, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 28, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 28, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 28, 71);  
box-shadow:4px 4px 4px 4px rgb(59, 28, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.1710, 14.2127, 14.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 28, 71) }
```

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

```
.background{ background-color: rgb(59, 28,  
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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