

Converting Colors

YUV(42.1950, 21.1029, -1.9250)

Have a look what the booklet for
YUV(42.1950, 21.1029, -1.9250)
contains.

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Color

**YUV(42.1950, 21.1029,
-1.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	282355
RGB	40, 35, 85
RGB Percent	16%, 14%, 33%
CMY	0.8431, 0.8627, 0.6667
CMYK	0.53, 0.59, 0.00, 0.67
HSL	246°, 42%, 24%
HSV	246°, 59%, 33%
XYZ	3.1158, 2.3091, 8.8758
YIQ	42.1950, -13.0700, 16.6100

Conversions

Conversions Part 2

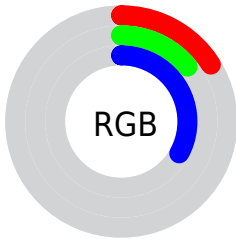
Format	Color
RYB	40, 35, 85
Decimal	2630485
CIELab	17.03, 17.64, -29.77
CIELCh	17, 34.602, 300.655
Yxy	2.3091, 0.2179, 0.1615
Android (android.graphics.Color)	4280820565 (0xFF282355)
YUV	42.1950, 21.1029, -1.9250
Hunter-Lab	15.1956, 10.0085, -23.9946

Details

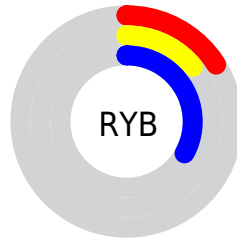
The YUV color **42.1950, 21.1029, -1.9250** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **77.8050, -21.1029, 1.9250**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9610, 22.6972, 0.0342**, and **4.4460, 17.0351, -3.8991** is the 20% darker color. If you saturate the color by 10%, you get **35.1070, 24.5972, -2.7248**, and if you desaturate by 10%, it is **49.8700, 17.3191, -1.6400**.

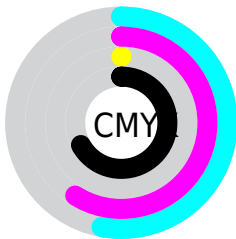
Distribution



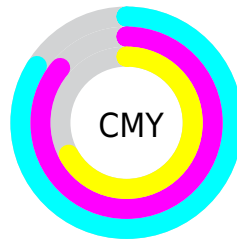
- Red (16%)
- Green (14%)
- Blue (33%)



- Red (16%)
- Yellow (14%)
- Blue (33%)



- Cyan (53%)
- Magenta (59%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (86%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1950, 21.1029, -1.9250 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 42.1950, 21.1029, -1.9250 by changing the saturation by 10% instead.

■ 42.1950, 21.1029,
-1.9250

■ 42.1950, 21.1029,
-1.9250

■ 255.0000, 0.0000,
0.0000

■ 20.2440, 20.0927,
-4.5990

■ 88.9610, 22.6972,
0.0342

■ 4.4460, 17.0351,
-3.8991

■ 113.9010, 23.7128,
0.9638

■ 2.5250, 7.1362,
-2.2144

■ 139.4280, 24.4390,
1.3786

■ 0.0000, 0.0000,
0.0000

■ 165.9550, 25.1652,
1.7935

■ 193.0690, 25.6020,
1.6935

■ 218.7290, 17.8816,

4.6227

244.4230, 5.2145,
7.5220

42.1950, 21.1029,
-1.9250

42.1950, 21.1029,
-1.9250

35.1070, 24.5972,
-2.7248

49.8700, 17.3191,
-1.6400

27.7310, 28.2336,
-2.3951

56.6590, 13.9721,
-1.4549

20.6430, 31.7280,
-3.1949

64.3340, 10.1883,
-1.1699

12.9680, 35.5118,
-3.4799

71.4220, 6.6940,
-0.3701

12.0820, 35.9486,
-3.5799

78.7980, 3.0576,
-0.6998

■ 85.8860, -0.4368,
0.1000

■ 92.9740, -3.9312,
0.8998

■ 100.3500, -7.5675,
0.5701

■ 108.0250,
-11.3513, 0.8551

Harmonies

Analogous

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



36.9030, 27.1628, -32.3639



42.1950, 21.1029, -1.9250



41.1940, 12.7224, 26.1399

Triad

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



42.1950, 21.1029, -1.9250



39.7250, -19.5844, 28.3052



35.8990, 3.0078, -31.4834

Complementary

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



42.1950, 21.1029, -1.9250



77.8050, -21.1029, 1.9250

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.



31.7610, -7.7702, -27.8544



42.1950, 21.1029, -1.9250



39.9140, -19.6776, 11.4764

Square

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



42.1950, 21.1029, -1.9250



37.4350, -9.5815, 39.9605



36.8470, -18.1656, -6.8818



38.7490, 13.9277, -33.9829

Rectangle

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



42.1950, 21.1029, -1.9250



37.9630, 6.4272, 38.6204



36.8470, -18.1656, -6.8818



34.2860, -0.6340, -30.0688

Sweetspot

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



42.1950, 21.1029, -1.9250



92.8780, 8.4411, -0.7700



67.1150, 8.8173, -28.1649



45.6670, 5.0942, -0.5850



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



42.1950, 21.1029, -1.9250



43.2840, 32.8910, -2.8801



49.6700, 17.4177, 13.4444



39.4560, 1.7472, -0.3999



15.4870, 45.1159, -3.9351



33.6670, 99.2572, -9.3550

Inverse Universe

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



55.0800, 12.2856, 26.2398



63.3020, 19.0781, 40.9541



70.3300, -17.4177, -13.4444



40.6520, 1.1576, 2.0592



42.9370, 26.1601, 56.1833



94.3190, 57.5237, 123.3772

Previews

White Background



This preview shows how the YUV color 42.1950, 21.1029, -1.9250 looks on a white background.

Color Contrast Check

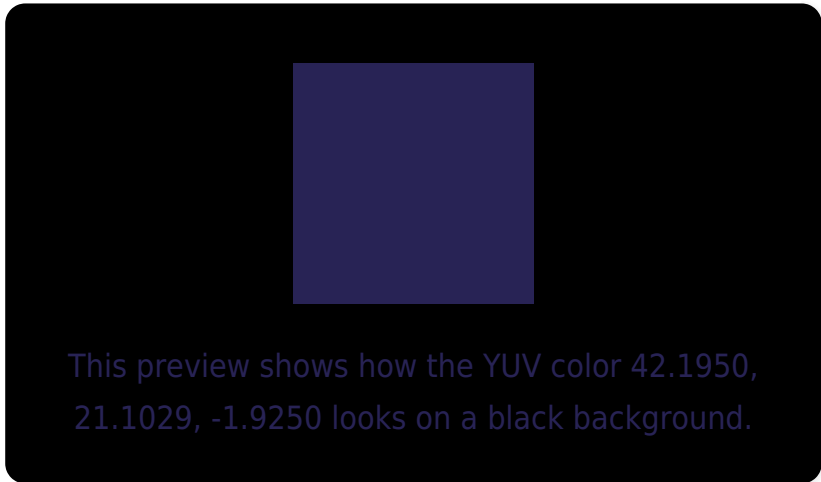
Large Text (above 18pt) WCAG AA ✓ Pass

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

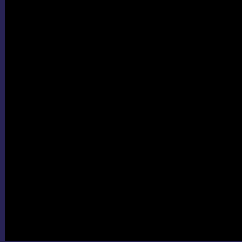
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1950, 21.1029, -1.9250

Background



This preview shows how black text looks on a background with the YUV color 42.1950, 21.1029, -1.9250.



This preview shows how white text looks on a background with the YUV color 42.1950, 21.1029,

-1.9250.

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

42.1950, 21.1029, -1.9250

Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

33.7910, 20.3160, -29.6347



Tritanopia

40.3730, 4.2531, -10.8511

Trichromacy



Original Color

42.1950, 21.1029, -1.9250

Protanomaly

37.1820, 24.0673, -19.4536

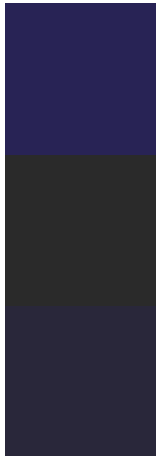
Deuteranomaly

36.9710, 20.7203, -19.2686

Tritanomaly

40.7030, 10.4994, -7.6325

Monochromacy



Original Color

42.1950, 21.1029, -1.9250

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.7640, 8.0043, -0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1950, 21.1029, -1.9250 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(40, 35, 85)` looks like.

```
.text, #text, p{  
    color:rgb(40, 35, 85)  
}
```

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(40, 35, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 35, 85) }
```

Border

The CSS property to change the border of an element to YUV 42.1950, 21.1029, -1.9250 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(40, 35, 85) }
```


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

```
.border{ border-color:rgb(40, 35, 85) }
```

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

Here you see how a box with a 4 pixel rgb(40, 35, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 35, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 35, 85);  
box-shadow:4px 4px 4px 4px rgb(40, 35, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.1950, 21.1029, -1.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 35, 85) }
```

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

```
.background{ background-color: rgb(40, 35,  
85) }
```

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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