

Converting Colors

YUV(36.1950, 21.1029, -1.9250)

Have a look what the booklet for
YUV(36.1950, 21.1029, -1.9250)
contains.

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Color

**YUV(36.1950, 21.1029,
-1.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	221D4F
RGB	34, 29, 79
RGB Percent	13%, 11%, 31%
CMY	0.8667, 0.8863, 0.6902
CMYK	0.57, 0.63, 0.00, 0.69
HSL	246°, 46%, 21%
HSV	246°, 63%, 31%
XYZ	2.5103, 1.7833, 7.6090
YIQ	36.1950, -13.0700, 16.6100

Conversions

Conversions Part 2

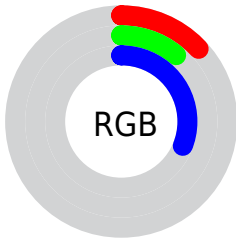
Format	Color
RYB	34, 29, 79
Decimal	2235727
CIELab	14.31, 18.27, -30.13
CIElCh	14, 35.235, 301.235
Yxy	1.7833, 0.2109, 0.1498
Android (android.graphics.Color)	4280425807 (0xFF221D4F)
YUV	36.1950, 21.1029, -1.9250
Hunter-Lab	13.3541, 10.1851, -24.4350

Details

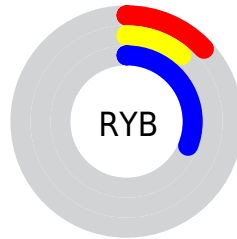
The YUV color **36.1950, 21.1029, -1.9250** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **71.8050, -21.1029, 1.9250**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.3740, 22.9866, 0.5490**, and **5.0500, 14.2723, -4.4289** is the 20% darker color. If you saturate the color by 10%, you get **29.4060, 24.4498, -2.1101**, and if you desaturate by 10%, it is **42.9840, 17.7559, -1.7400**.

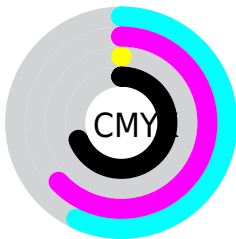
Distribution



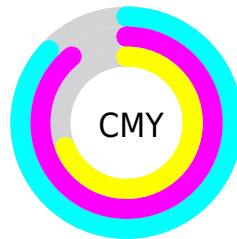
- Red (13%)
- Green (11%)
- Blue (31%)



- Red (13%)
- Yellow (11%)
- Blue (31%)



- Cyan (57%)
- Magenta (63%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1950, 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 36.1950, 21.1029, -1.9250 by changing the saturation by 10% instead.

■ 36.1950, 21.1029,
-1.9250

■ 36.1950, 21.1029,
-1.9250

■ 255.0000, 0.0000,
0.0000

■ 12.8960, 21.2503,
-2.5398

■ 82.3740, 22.9866,
0.5490

■ 5.0500, 14.2723,
-4.4289

■ 106.9010, 23.7128,
0.9638

■ 0.7980, 3.0576,
-0.6998

■ 131.8410, 24.7284,
1.8934

■ 0.0000, 0.0000,
0.0000

■ 158.3680, 25.4546,
2.3083

■ 185.7810, 25.7440,
2.8231

■ 211.9400, 21.2286,

4.4376

237.0470, 8.8508,
7.8518

36.1950, 21.1029,
-1.9250

36.1950, 21.1029,
-1.9250

29.4060, 24.4498,
-2.1101

42.9840, 17.7559,
-1.7400

22.6170, 27.7968,
-2.2951

49.7730, 14.4089,
-1.5549

15.8280, 31.1438,
-2.4802

56.5620, 11.0619,
-1.3699

11.3980, 33.3278,
-2.9800

63.3510, 7.7150,
-1.1848

70.4390, 4.2206,
-0.3850

■ 76.6410, 1.1630,
0.3148

■ 83.4300, -2.1840,
0.4999

■ 90.2190, -5.5310,
0.6849

■ 97.0080, -8.8779,
0.8700

Harmonies

Analogous

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



32.6970, 26.2784, -28.6753



36.1950, 21.1029, -1.9250



34.7920, 12.4275, 27.3694

Triad

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



36.1950, 21.1029, -1.9250



33.8110, -16.6688, 26.4758



31.8070, 2.5601, -27.8947

Complementary

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



36.1950, 21.1029, -1.9250



71.8050, -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.



27.3270, -9.5282, -23.9658



36.1950, 21.1029, -1.9250



34.5870, -17.0514, 9.1322

Square

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



36.1950, 21.1029, -1.9250



29.6200, -10.1657, 40.6753



30.9330, -15.2500, -8.7112



34.5430, 13.0433, -30.2942

Rectangle

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



36.1950, 21.1029, -1.9250



29.9030, 7.4428, 39.5501



30.9330, -15.2500, -8.7112



30.1940, -1.0816, -26.4801

Sweetspot

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



36.1950, 21.1029, -1.9250



85.7640, 8.0043, -0.6700



61.1150, 8.8173, -28.1649



40.6670, 5.0942, -0.5850



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



36.1950, 21.1029, -1.9250



35.2840, 32.8910, -2.8801



43.6700, 17.4177, 13.4444



34.7550, 1.5998, 0.2149



14.6180, 43.0793, -4.0500



33.0970, 97.0732, -8.8551

Inverse Universe

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



49.0800, 12.2856, 26.2398



55.3020, 19.0781, 40.9541



64.3300, -17.4177, -13.4444



35.6520, 1.1576, 2.0592



40.9860, 25.1499, 53.5093



92.3680, 56.5136, 120.7033

Previews

White Background



This preview shows how the YUV color 36.1950, 21.1029, -1.9250 looks on a white background.

Color Contrast Check

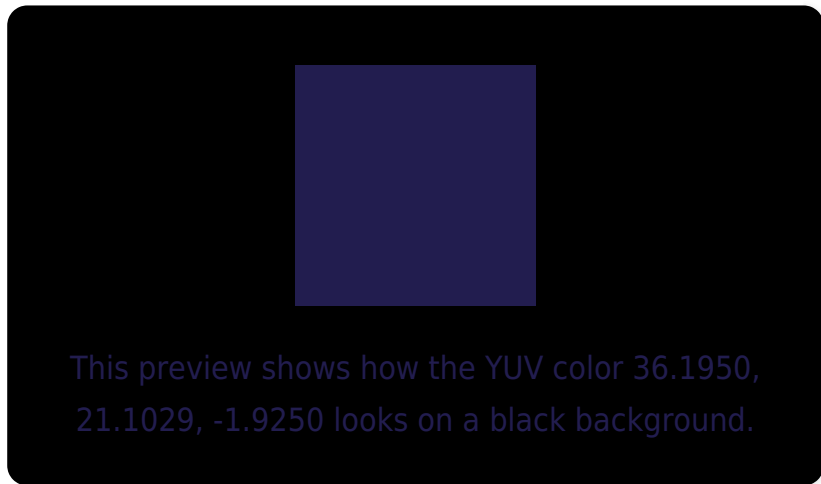
Large Text (above 18pt) WCAG AA ✓ Pass

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

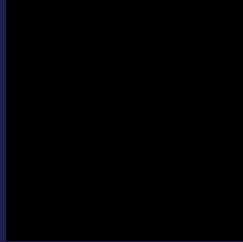
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.1950, 21.1029, -1.9250

Background



This preview shows how black text looks on a background with the YUV color 36.1950, 21.1029, -1.9250.



This preview shows how white text looks on a background with the YUV color 36.1950, 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

36.1950, 21.1029, -1.9250

Protanopia

29.0950, 22.6312, -25.5163

Deuteranopia

29.7160, 17.3950, -26.0609



Tritanopia

34.3620, 4.2585, -12.5955

Trichromacy



Original Color

36.1950, 21.1029, -1.9250

Protanomaly

31.6230, 21.8779, -17.2094

Deuteranomaly

32.1130, 18.6783, -17.6391

Tritanomaly

34.9910, 10.3574, -8.7621

Monochromacy



Original Color

36.1950, 21.1029, -1.9250

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7640, 8.0043, -0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1950, 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(34, 29, 79)` looks like.

```
.text, #text, p{  
  color:rgb(34, 29, 79)  
}
```

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(34, 29, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 29, 79) }
```

Border

The CSS property to change the border of an element to YUV 36.1950, 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(34, 29, 79) }
```


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

```
.border{ border-color:rgb(34, 29, 79) }
```

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

Here you see how a box with a 4 pixel rgb(34, 29, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 29, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 29, 79);  
box-shadow:4px 4px 4px 4px rgb(34, 29, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.1950, 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(34, 29, 79) }
```

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

```
.background{ background-color: rgb(34, 29,  
79) }
```

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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