

Converting Colors

YUV(36.9620, 24.6687, 21.0813)

Have a look what the booklet for
YUV(36.9620, 24.6687, 21.0813)
contains.

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Color

**YUV(36.9620, 24.6687,
21.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0F57
RGB	61, 15, 87
RGB Percent	24%, 6%, 34%
CMY	0.7608, 0.9412, 0.6588
CMYK	0.30, 0.83, 0.00, 0.66
HSL	278°, 71%, 20%
HSV	278°, 83%, 34%
XYZ	3.8156, 2.0219, 9.2060
YIQ	36.9620, 4.3040, 32.1440

Conversions

Conversions Part 2

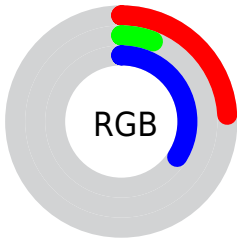
Format	Color
R _Y B	61, 15, 87
Decimal	4001623
CIE Lab	15.60, 34.99, -33.30
CIE LCh	16, 48.299, 316.421
Yxy	2.0219, 0.2536, 0.1344
Android (android.graphics.Color)	4282191703 (0xFF3D0F57)
YUV	36.9620, 24.6687, 21.0813
Hunter-Lab	14.2192, 23.0150, -28.4327

Details

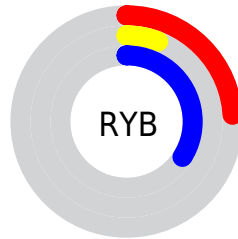
The YUV color **36.9620, 24.6687, 21.0813** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **65.0380, -24.6687, -21.0813**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.2010, 25.5369, 22.6257**, and **7.0660, 16.7295, 0.8191** is the 20% darker color. If you saturate the color by 10%, you get **30.7820, 27.7155, 23.8702**, and if you desaturate by 10%, it is **43.1420, 21.6220, 18.2925**.

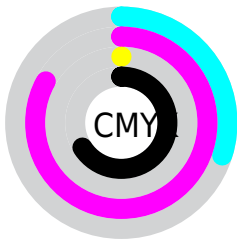
Distribution



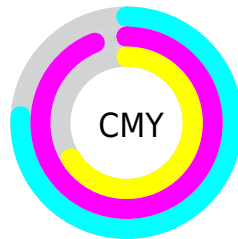
- Red (24%)
- Green (6%)
- Blue (34%)



- Red (24%)
- Yellow (6%)
- Blue (34%)



- Cyan (30%)
- Magenta (83%)
- Yellow (0%)
- Black (66%)



- Cyan (76%)
- Magenta (94%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9620, 24.6687, 21.0813 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 36.9620, 24.6687, 21.0813 by changing the saturation by 10% instead.

36.9620, 24.6687,
21.0813

36.9620, 24.6687,
21.0813

252.0650, 1.4470,
2.5740

18.2450, 22.0642,
16.4481

86.2010, 25.5369,
22.6257

7.0660, 16.7295,
0.8191

111.0270, 26.1157,
23.6553

2.6390, 7.5730,
-2.3144

137.4400, 26.4051,
24.1701


0.0000, 0.0000,
0.0000


164.2660, 26.9839,
25.1997


191.2060, 27.9994,
26.1293


217.1110, 18.6793,


28.8437


 235.0420, 9.8393,
17.5032


 36.9620, 24.6687,
21.0813


 36.9620, 24.6687,
21.0813


 30.7820, 27.7155,
23.8702


 43.1420, 21.6220,
18.2925

 26.6620, 29.7466,
25.7294

 48.7350, 18.8646,
16.0184

 54.9150, 15.8179,
13.2295

 61.3940, 12.6238,
11.0555

 66.9870, 9.8664,
8.7814

■ 73.1670, 6.8197,
5.9925

■ 79.3470, 3.7729,
3.2037

■ 85.5270, 0.7262,
0.4148

■ 91.1200, -2.0312,
-1.8592

Harmonies

Analogous

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



33.8030, 35.5931, -29.6452



36.9620, 24.6687, 21.0813



32.9950, 11.3415, 49.1164

Triad

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



36.9620, 24.6687, 21.0813



37.3220, -18.3997, 21.6426



37.1360, 10.2860, -32.5683

Complementary

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



36.9620, 24.6687, 21.0813



65.0380, -24.6687, -21.0813

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.



32.3310, -5.5862, -28.3543



36.9620, 24.6687, 21.0813



34.8090, -17.1608, -2.4635

Square

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



36.9620, 24.6687, 21.0813



29.2250, -14.4079, 48.0377



28.7630, -14.1802, -25.2252



40.6700, 23.8267, -35.6676

Rectangle

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



36.9620, 24.6687, 21.0813



32.1670, 0.4107, 55.1045



28.7630, -14.1802, -25.2252



35.7680, 5.0444, -31.3685

Sweetspot

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



36.9620, 24.6687, 21.0813



92.5740, 9.5770, 8.2666



38.4700, 23.9253, -20.5832



44.2270, 5.8041, 5.0629



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.



36.9620, 24.6687, 21.0813



34.8830, 38.0187, 32.5516



43.5960, 16.4682, 38.0653



40.3530, 1.3050, 1.4444



32.5300, 36.7137, 31.1072



71.6400, 80.5365, 68.7217

Inverse Universe

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



39.4920, 0.7434, 41.6645



38.7490, 1.1097, 64.2411



58.4040, -16.4682, -38.0653



40.4240, 0.2840, 2.2592



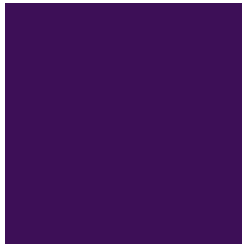
36.4390, 1.2626, 61.8820



79.9550, 2.4872, 135.9745

Previews

White Background



This preview shows how the YUV color 36.9620, 24.6687, 21.0813 looks on a white background.

Color Contrast Check

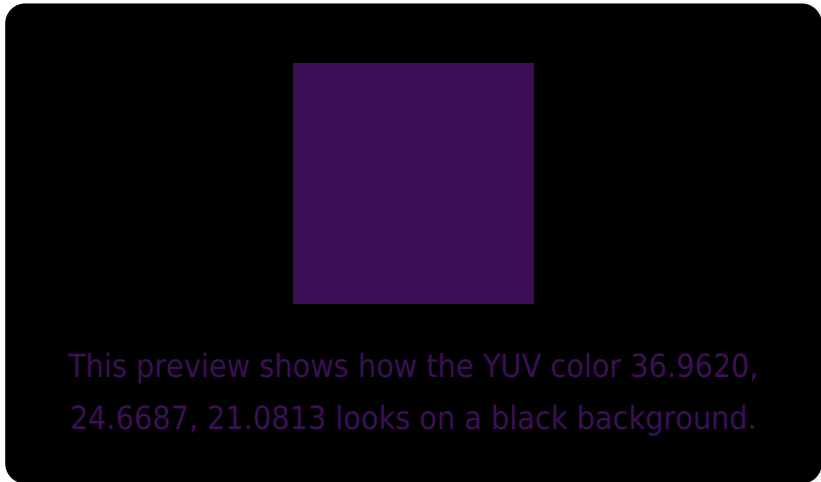
Large Text (above 18pt) WCAG AA ✓ Pass

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

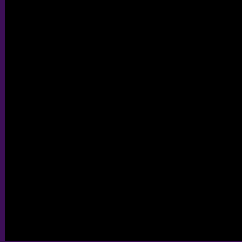
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9620, 24.6687, 21.0813

Background



This preview shows how black text looks on a background with the YUV color 36.9620, 24.6687, 21.0813.



This preview shows how white text looks on a background with the YUV color 36.9620, 24.6687,

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

36.9620, 24.6687, 21.0813

Protanopia

32.3550, 24.9680, -28.3753

Deuteranopia

32.8620, 19.2950, -28.8200



Tritanopia

41.4250, -1.1955, 10.1513

Trichromacy



Original Color

36.9620, 24.6687, 21.0813

Protanomaly

33.7640, 24.7663, -10.3170

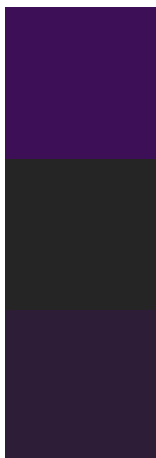
Deuteranomaly

34.1400, 21.1300, -10.6468

Tritanomaly

39.5640, 8.1029, 14.4144

Monochromacy



Original Color

36.9620, 24.6687, 21.0813

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0470, 8.8508, 7.8518

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9620, 24.6687, 21.0813 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(61, 15, 87)` looks like.

```
.text, #text, p{  
    color:rgb(61, 15, 87)  
}
```

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(61, 15, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 15, 87) }
```

Border

The CSS property to change the border of an element to YUV 36.9620, 24.6687, 21.0813 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(61, 15, 87) }
```


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

```
.border{ border-color:rgb(61, 15, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 15, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 15, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 15, 87);  
box-shadow:4px 4px 4px 4px rgb(61, 15, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.9620, 24.6687, 21.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 15, 87) }
```

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

```
.background{ background-color: rgb(61, 15,  
87) }
```

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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