

Converting Colors

YUV(36.0120, 42.3921, 29.8075)

Have a look what the booklet for
YUV(36.0120, 42.3921, 29.8075)
contains.

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Color

**YUV(36.0120, 42.3921,
29.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	46027A
RGB	70, 2, 122
RGB Percent	27%, 1%, 48%
CMY	0.7255, 0.9922, 0.5216
CMYK	0.43, 0.98, 0.00, 0.52
HSL	274°, 97%, 24%
HSV	274°, 98%, 48%
XYZ	6.0603, 2.7506, 18.6239
YIQ	36.0120, 2.0080, 51.7360

Conversions

Conversions Part 2

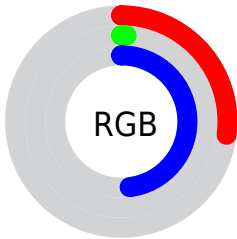
Format	Color
R_{YB}	70, 2, 122
Decimal	4588154
CIE _{Lab}	19.02, 48.82, -50.65
CIE _{LCh}	19, 70.345, 313.947
Yxy	2.7506, 0.2209, 0.1003
Android (android.graphics.Color)	4282778234 (0xFF46027A)
YUV	36.0120, 42.3921, 29.8075
Hunter-Lab	16.5851, 36.2017, -54.9689

Details

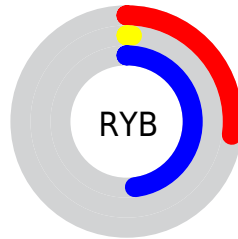
The YUV color **36.0120, 42.3921, 29.8075** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **87.9880, -42.3921, -29.8075**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.2460, 40.7977, 27.8483**, and **13.2910, 28.9435, 3.2528** is the 20% darker color. If you saturate the color by 10%, you get **34.5390, 43.1183, 30.2223**, and if you desaturate by 10%, it is **44.5510, 38.1824, 26.7038**.

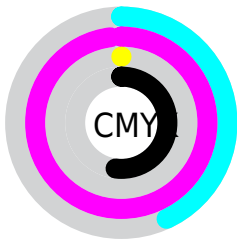
Distribution



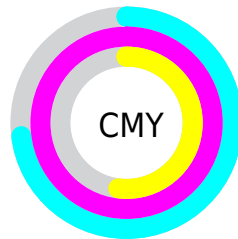
- Red (27%)
- Green (1%)
- Blue (48%)



- Red (27%)
- Yellow (1%)
- Blue (48%)



- Cyan (43%)
- Magenta (98%)
- Yellow (0%)
- Black (52%)



- Cyan (73%)
- Magenta (99%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.0120, 42.3921, 29.8075 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 36.0120, 42.3921, 29.8075 by changing the saturation by 10% instead.

36.0120, 42.3921,
29.8075

36.0120, 42.3921,
29.8075

252.0650, 1.4470,
2.5740

23.5020, 35.7415,
16.2227

92.2460, 40.7977,
27.8483

13.2910, 28.9435,
3.2528

119.0720, 41.3765,
28.8779

7.2330, 20.0981,
-6.3433

145.4250, 42.6815,
30.3223

3.6650, 11.5042,
-3.2142

172.5670, 40.6395,
31.9517


0.0000, 0.0000,
0.0000


197.0870, 28.5511,
35.8807


218.6060, 17.9422,


31.9175


 235.0420, 9.8393,
17.5032


 36.0120, 42.3921,
29.8075


 36.0120, 42.3921,
29.8075


 34.5390, 43.1183,
30.2223

 44.5510, 38.1824,
26.7038

 53.3890, 33.8252,
24.2148

 62.5150, 29.3261,
20.5963

 71.0540, 25.1164,
17.4926

 79.5930, 20.9067,
14.3889

■ 88.4310, 16.5495,
11.9000

■ 96.9700, 12.3398,
8.7963

■ 106.0960, 7.8407,
5.1778

■ 114.9340, 3.4835,
2.6889

Harmonies

Analogous

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



44.5750, 51.4815, -39.0923



36.0120, 42.3921, 29.8075



43.9460, 15.8026, 64.9454

Triad

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



36.0120, 42.3921, 29.8075



43.2910, -21.3425, 32.1938



45.5480, 12.0548, -39.9456

Complementary

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



36.0120, 42.3921, 29.8075



87.9880, -42.3921, -29.8075

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.



37.9900, -11.8271, -33.3172



36.0120, 42.3921, 29.8075



40.9890, -20.2076, -5.2524

Square

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



36.0120, 42.3921, 29.8075



33.1890, -16.3622, 68.2402



34.6330, -17.0741, -30.3731



51.0200, 33.0211, -44.7445

Rectangle

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



36.0120, 42.3921, 29.8075



42.7610, -0.3752, 73.8776



34.6330, -17.0741, -30.3731



42.9090, 4.4819, -37.6312

Sweetspot

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



36.0120, 42.3921, 29.8075



124.4310, 16.5495, 11.9000



46.2040, 37.3674, -38.7669



58.9760, 9.8718, 7.0370



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



36.0120, 42.3921, 29.8075



44.9220, 55.7475, 39.5334



50.6480, 31.2325, 62.5757



56.8800, 2.0312, 1.8592



35.4790, 44.1339, 31.1519



71.4850, 88.9939, 62.7187

Inverse Universe

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



43.8080, 5.0247, 68.5744



55.1080, 6.8488, 90.2363



73.3520, -31.2325, -62.5757



57.1360, 0.4260, 3.3887



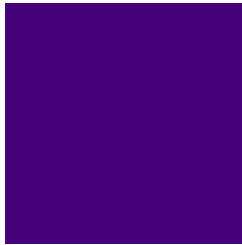
43.5310, 5.1612, 71.4483



87.7740, 10.4644, 144.0262

Previews

White Background



This preview shows how the YUV color 36.0120, 42.3921, 29.8075 looks on a white background.

Color Contrast Check

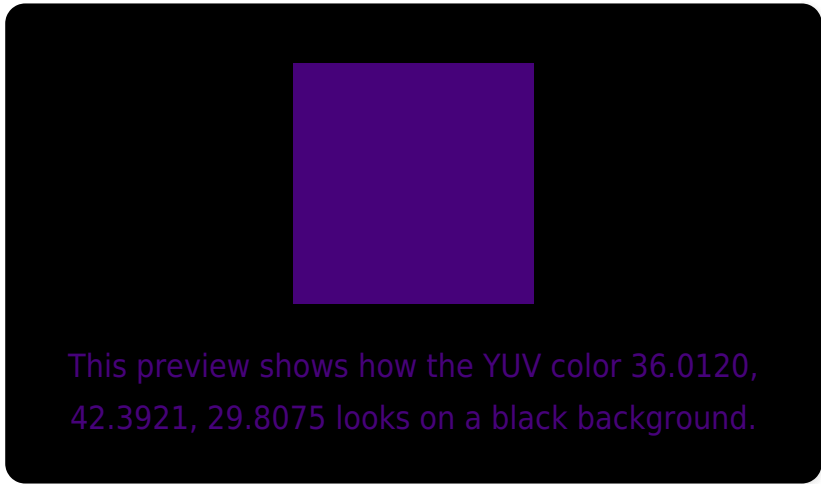
Large Text (above 18pt) WCAG AA ✓ Pass

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

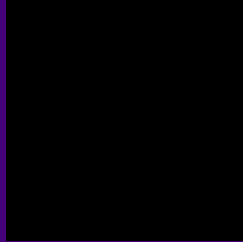
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.0120, 42.3921, 29.8075

Background



This preview shows how black text looks on a background with the YUV color 36.0120, 42.3921, 29.8075.



This preview shows how white text looks on a background with the YUV color 36.0120, 42.3921,

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

36.0120, 42.3921, 29.8075

Protanopia

39.6900, 30.2258, -34.8081

Deuteranopia

39.7410, 22.8057, -34.8529



Tritanopia

50.1360, 0.4260, 3.3887

Trichromacy



Original Color

36.0120, 42.3921, 29.8075

Protanomaly

38.0980, 34.9547, -11.4869

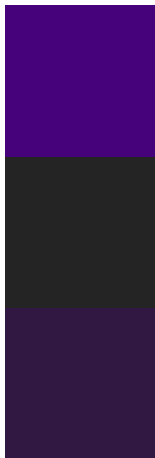
Deuteranomaly

38.1320, 30.0079, -11.5168

Tritanomaly

44.9150, 15.8179, 13.2295

Monochromacy



Original Color

36.0120, 42.3921, 29.8075

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.0780, 15.2445, 10.4556

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0120, 42.3921, 29.8075 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(70, 2, 122)` looks like.

```
.text, #text, p{  
    color:rgb(70, 2, 122)  
}
```

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(70, 2, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 2, 122) }
```

Border

The CSS property to change the border of an element to YUV 36.0120, 42.3921, 29.8075 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(70, 2, 122) }
```


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

```
.border{ border-color:rgb(70, 2, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 2, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 2, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 2, 122);  
box-shadow:4px 4px 4px 4px rgb(70, 2, 122)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.0120, 42.3921, 29.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 2, 122) }
```

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

```
.background{ background-color: rgb(70, 2,  
122) }
```

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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