

Converting Colors

YUV(27.3420, 41.7364, 6.7161)

Have a look what the booklet for
YUV(27.3420, 41.7364, 6.7161)
contains.

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Color

**YUV(27.3420, 41.7364,
6.7161)**

Conversions

Conversions Part 1

Format	Color
Hex	230770
RGB	35, 7, 112
RGB Percent	14%, 3%, 44%
CMY	0.8627, 0.9725, 0.5608
CMYK	0.69, 0.94, 0.00, 0.56
HSL	256°, 88%, 23%
HSV	256°, 94%, 44%
XYZ	3.6937, 1.6791, 15.4587
YIQ	27.3420, -17.0170, 38.5910

Conversions

Conversions Part 2

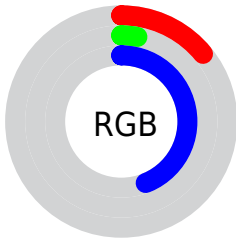
Format	Color
RYB	35, 7, 112
Decimal	2295664
CIELab	13.70, 41.32, -53.12
CIELCh	14, 67.303, 307.880
Yxy	1.6791, 0.1773, 0.0806
Android (android.graphics.Color)	4280485744 (0xFF230770)
YUV	27.3420, 41.7364, 6.7161
Hunter-Lab	12.9581, 28.2050, -61.6604




Details

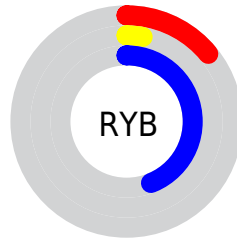
The YUV color **27.3420, 41.7364, 6.7161** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **91.6580, -41.7364, -6.7161**, and the grayscale version is **27.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **79.4890, 42.1569, 11.8491**, and **7.1820, 27.5183, -6.2986** is the 20% darker color. If you saturate the color by 10%, you get **21.7380, 44.4992, 7.2458**, and if you desaturate by 10%, it is **36.1910, 37.3738, 5.9715**.

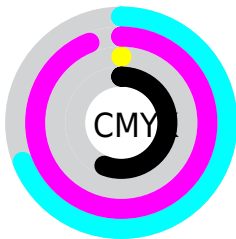
Distribution







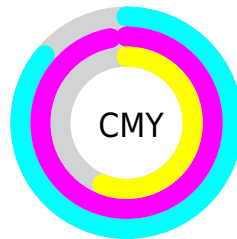
-  Red (14%)
-  Green (3%)
-  Blue (44%)






-  Red (14%)
-  Yellow (3%)
-  Blue (44%)



-  Cyan (69%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (86%)
-  Magenta (97%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3420, 41.7364, 6.7161 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 27.3420, 41.7364, 6.7161 by changing the saturation by 10% instead.

■ 27.3420, 41.7364,
6.7161

■ 27.3420, 41.7364,
6.7161

■ 247.3690, 3.7621,
6.6924

■ 9.9180, 38.0014,
-8.6981

■ 79.4890, 42.1569,
11.8491

■ 7.1820, 27.5183,
-6.2986

■ 104.8420, 43.4619,
13.2936

■ 6.3210, 16.6037,
-5.5435

■ 131.0810, 44.3301,
14.8380

■ 2.5250, 7.1362,
-2.2144

■ 158.0210, 45.3456,
15.7676


■ 0.0000, 0.0000,
0.0000


■ 183.1110, 35.4413,
19.1967


■ 207.6310, 23.3529,


23.1256


 230.3460, 12.1544,
21.6216


 27.3420, 41.7364,
6.7161


 27.3420, 41.7364,
6.7161


 21.7380, 44.4992,
7.2458

 36.1910, 37.3738,
5.9715

 45.0400, 33.0113,
5.2269

 54.7750, 28.2119,
4.5823

 63.6240, 23.8494,
3.8378

 72.4730, 19.4868,
3.0932

■ 81.3220, 15.1243,
2.3486

■ 90.1710, 10.7617,
1.6040

■ 99.9060, 5.9623,
0.9594

■ 108.7550, 1.5998,
0.2149

Harmonies

Analogous

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



39.2290, 46.2291, -34.4038



27.3420, 41.7364, 6.7161



36.6130, 17.4458, 51.2054

Triad

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



27.3420, 41.7364, 6.7161



30.0340, -14.8068, 35.9272



35.2950, 5.7706, -30.9537

Complementary

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



27.3420, 41.7364, 6.7161



91.6580, -41.7364, -6.7161

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.



29.3500, -14.4695, -25.7399



27.3420, 41.7364, 6.7161



32.1730, -15.8613, 0.7253

Square

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



27.3420, 41.7364, 6.7161



29.0030, -14.2985, 59.6334



27.0020, -13.3120, -23.6808



41.1260, 25.5739, -36.0675

Rectangle

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



27.3420, 41.7364, 6.7161



36.6670, 2.1362, 61.6820



27.0020, -13.3120, -23.6808



32.7700, -1.3656, -28.7393

Sweetspot

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



27.3420, 41.7364, 6.7161



112.8490, 15.8504, 2.7634



64.1690, 23.5807, -50.1372



53.9430, 9.8881, 1.8040



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



27.3420, 41.7364, 6.7161



28.1910, 57.5868, 9.4795



43.1890, 33.9238, 39.2992



51.2820, 2.3260, 0.6297



23.2480, 47.6987, 7.6755



47.8920, 98.1602, 15.8807

Inverse Universe

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



47.1730, 18.1557, 56.8533



55.5530, 25.3634, 78.4450



76.1100, -34.0712, -38.6845



52.3640, 1.2995, 3.1888



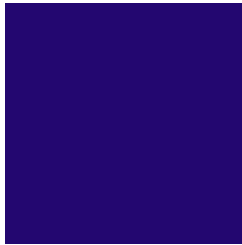
45.9120, 20.7494, 64.9752



94.4870, 42.6509, 133.7539

Previews

White Background



This preview shows how the YUV color 27.3420, 41.7364, 6.7161 looks on a white background.

Color Contrast Check

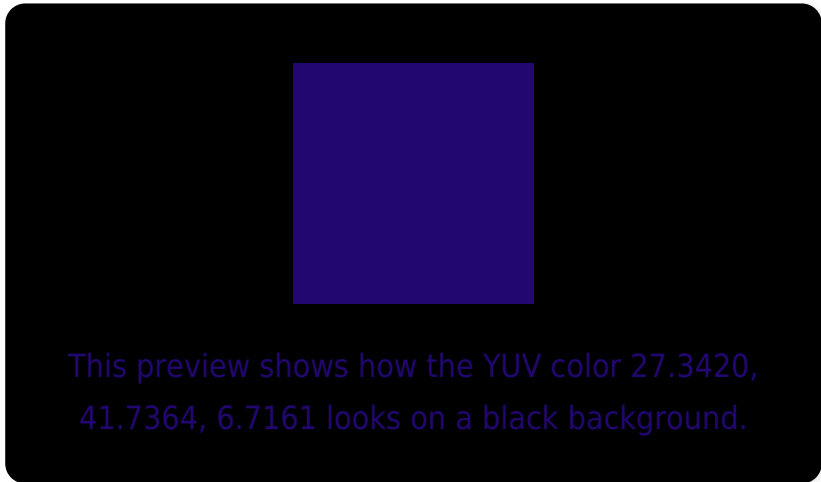
Large Text (above 18pt) WCAG AA ✓ Pass

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

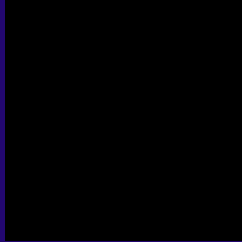
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.3420, 41.7364, 6.7161

Background



This preview shows how black text looks on a background with the YUV color 27.3420, 41.7364, 6.7161.



This preview shows how white text looks on a background with the YUV color 27.3420, 41.7364,

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

27.3420, 41.7364, 6.7161

Protanopia

29.7960, 22.7786, -26.1311

Deuteranopia

30.3030, 17.1056, -26.5757

Trichromacy



Original Color

27.3420, 41.7364, 6.7161

Protanomaly

28.7080, 29.7240, -13.7759

Deuteranomaly

29.0840, 26.0876, -14.1057

Monochromacy



Original Color

27.3420, 41.7364, 6.7161

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.3220, 15.1243, 2.3486

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3420, 41.7364, 6.7161 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(35, 7, 112)` looks like.

```
.text, #text, p{  
    color:rgb(35, 7, 112)  
}
```

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(35, 7, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 7, 112) }
```

Border

The CSS property to change the border of an element to YUV 27.3420, 41.7364, 6.7161 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(35, 7, 112) }
```

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

```
.border{ border-color:rgb(35, 7, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 7, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 7, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 7, 112);  
box-shadow:4px 4px 4px 4px rgb(35, 7, 112)  
}
```


Background

The CSS property to change the background color of an element to YUV 27.3420, 41.7364, 6.7161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 7, 112) }
```

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

```
.background{ background-color: rgb(35, 7,  
112) }
```

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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