

Converting Colors

YUV(67.3640, 21.5125, 6.6968)

Have a look what the booklet for
YUV(67.3640, 21.5125, 6.6968)
contains.

YUV(67.3640, 21.5125, 6.6968)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.3640, 21.5125,
6.6968)**

Conversions

Conversions Part 1

Format	Color
Hex	4B376F
RGB	75, 55, 111
RGB Percent	29%, 22%, 44%
CMY	0.7059, 0.7843, 0.5647
CMYK	0.32, 0.50, 0.00, 0.56
HSL	261°, 34%, 33%
HSV	261°, 50%, 44%
XYZ	7.1371, 5.3759, 15.7004
YIQ	67.3640, -6.0560, 21.6560

Conversions

Conversions Part 2

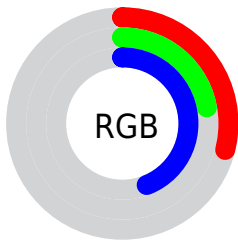
Format	Color
R_{YB}	75, 55, 111
Decimal	4929391
CIE _{Lab}	27.78, 22.24, -29.39
CIE _{LCh}	28, 36.857, 307.106
Yxy	5.3759, 0.2530, 0.1905
Android (android.graphics.Color)	4283119471 (0xFF4B376F)
YUV	67.3640, 21.5125, 6.6968
Hunter-Lab	23.1861, 14.3699, -23.9179

Details


The YUV color **67.3640, 21.5125, 6.6968** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **98.6360, -21.5125, -6.6968**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1300, 23.1069, 8.6560**, and **22.2990, 20.0656, 4.1228** is the 20% darker color. If you saturate the color by 10%, you get **58.8140, 25.7277, 8.0561**, and if you desaturate by 10%, it is **75.9140, 17.2974, 5.3374**.

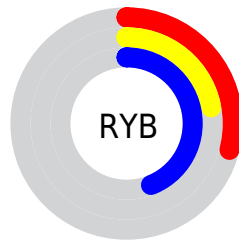
Distribution



 Red (29%)

 Green (22%)

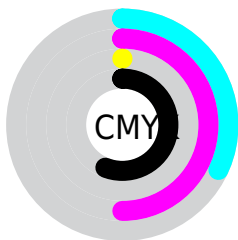
 Blue (44%)



 Red (29%)

 Yellow (22%)

 Blue (44%)

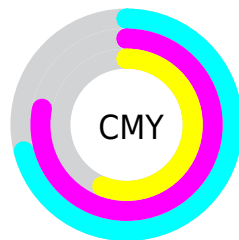


 Cyan (32%)

 Magenta (50%)

 Yellow (0%)

 Black (56%)



 Cyan (71%)

 Magenta (78%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.3640, 21.5125, 6.6968 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 67.3640, 21.5125, 6.6968 by changing the saturation by 10% instead.

67.3640, 21.5125,
6.6968

67.3640, 21.5125,
6.6968

255.0000, 0.0000,
0.0000

44.4240, 20.4970,
5.7672

116.1300, 23.1069,
8.6560

22.2990, 20.0656,
4.1228

142.2440, 23.5437,
8.5560

4.6740, 17.9087,
-4.0991

168.7710, 24.2699,
8.9708

2.6390, 7.5730,
-2.3144

195.7110, 25.2855,
9.9005

0.0000, 0.0000,
0.0000

221.7300, 16.4021,
12.5148

243.8470, 5.4984,

9.7812

■ 67.3640, 21.5125,
6.6968

■ 67.3640, 21.5125,
6.6968

■ 58.8140, 25.7277,
8.0561

■ 75.9140, 17.2974,
5.3374

■ 50.2640, 29.9428,
9.4155

■ 84.4640, 13.0822,
3.9781

■ 41.7140, 34.1580,
10.7748

■ 93.0140, 8.8671,
2.6187

■ 32.8650, 38.5206,
11.5194

■ 101.8630, 4.5045,
1.8741

■ 24.6140, 42.5883,
13.4935

■ 111.0000, 0.0000,
0.0000

■ 119.5500, -4.2151,
-1.3593

■ 128.1000, -8.4303,
-2.7187

■ 136.6500,
-12.6454, -4.0780

■ 145.2000,
-16.8606, -5.4374

Harmonies

Analogous

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



53.2370, 33.9002, -46.6888



67.3640, 21.5125, 6.6968



66.0810, 10.8061, 34.1320

Triad

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



67.3640, 21.5125, 6.6968



62.9010, -26.5732, 29.9048



54.5810, 8.5876, -47.8675

Complementary

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



67.3640, 21.5125, 6.6968



98.6360, -21.5125, -6.6968

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.



49.9870, -3.9376, -43.8386



67.3640, 21.5125, 6.6968



60.5690, -29.8605, 10.9020

Square

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



67.3640, 21.5125, 6.6968



63.0780, -14.8285, 42.9046



57.5320, -20.4753, -12.7446



57.0720, 20.6705, -50.0521

Rectangle

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



67.3640, 21.5125, 6.6968



64.3720, 2.7746, 43.5238



57.5320, -20.4753, -12.7446



53.4410, 4.2196, -46.8678

Sweetspot

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



67.3640, 21.5125, 6.6968



128.4870, 8.1409, 2.2039



82.5160, 14.0426, -24.1315



63.6780, 5.0887, 1.1594



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.



67.3640, 21.5125, 6.6968



76.3010, 33.8686, 10.2600



75.7360, 17.3852, 23.9105



51.2820, 2.3260, 0.6297



26.5370, 46.0773, 14.4381



54.4700, 94.9173, 29.4058

Inverse Universe

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



75.8480, 7.4699, 30.8283



89.8100, 11.9257, 48.4016



90.2640, -17.3852, -23.9105



52.2500, 0.8628, 3.2888



44.6580, 15.9446, 66.0749



91.9790, 33.0414, 135.9534

Previews

White Background



This preview shows how the YUV color 67.3640, 21.5125, 6.6968 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



This preview shows how the YUV color 67.3640, 21.5125, 6.6968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

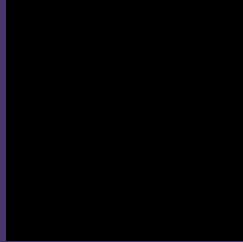
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.3640, 21.5125, 6.6968

Background



This preview shows how black text looks on a background with the YUV color 67.3640, 21.5125, 6.6968.



This preview shows how white text looks on a background with the YUV color 67.3640, 21.5125,

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

67.3640, 21.5125, 6.6968

Protanopia

62.6100, 28.2933, -21.5830

Deuteranopia

62.5300, 22.9097, -21.5128



Tritanopia

66.1680, 1.8892, 0.7297

Trichromacy



Original Color

67.3640, 21.5125, 6.6968

Protanomaly

64.3940, 25.9348, -11.7465

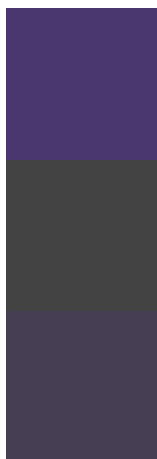
Deuteranomaly

64.1830, 22.5878, -11.5615

Tritanomaly

66.4270, 9.1565, 3.1335

Monochromacy



Original Color

67.3640, 21.5125, 6.6968

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.3730, 7.7041, 2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3640, 21.5125, 6.6968 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(75, 55, 111)` looks like.

```
.text, #text, p{  
    color:rgb(75, 55, 111)  
}
```

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(75, 55, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 55, 111) }
```

Border

The CSS property to change the border of an element to YUV 67.3640, 21.5125, 6.6968 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(75, 55, 111) }
```


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

```
.border{ border-color:rgb(75, 55, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 55, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 55, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 55, 111);  
box-shadow:4px 4px 4px 4px rgb(75, 55,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 67.3640, 21.5125, 6.6968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 55, 111) }
```

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

```
.background{ background-color: rgb(75, 55,  
111) }
```

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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