

Converting Colors

YUV(67.0350, 20.6887, 37.6803)

Have a look what the booklet for
YUV(67.0350, 20.6887, 37.6803)
contains.

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Color

**YUV(67.0350, 20.6887,
37.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	6E256D
RGB	110, 37, 109
RGB Percent	43%, 15%, 43%
CMY	0.5686, 0.8549, 0.5725
CMYK	0.00, 0.66, 0.01, 0.57
HSL	301°, 50%, 29%
HSV	301°, 66%, 43%
XYZ	9.8523, 5.7423, 15.0571
YIQ	67.0350, 20.3960, 37.8680

Conversions

Conversions Part 2

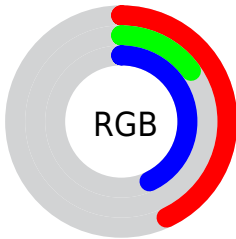
Format	Color
R_{YB}	110, 37, 109
Decimal	7218541
CIE _{Lab}	28.75, 41.98, -26.26
CIE _{LCh}	29, 49.515, 327.965
Yxy	5.7423, 0.3214, 0.1873
Android (android.graphics.Color)	4285408621 (0xFF6E256D)
YUV	67.0350, 20.6887, 37.6803
Hunter-Lab	23.9630, 31.4543, -20.4806

Details

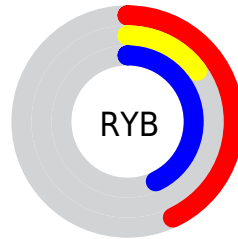
The YUV color **67.0350, 20.6887, 37.6803** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **79.9650, -20.6887, -37.6803**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0460, 20.6833, 39.4247**, and **24.5950, 17.9477, 30.1732** is the 20% darker color. If you saturate the color by 10%, you get **60.5780, 23.8720, 43.3431**, and if you desaturate by 10%, it is **73.4920, 17.5054, 32.0175**.

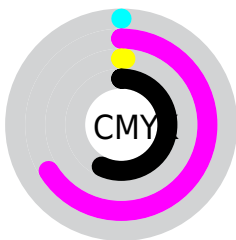
Distribution



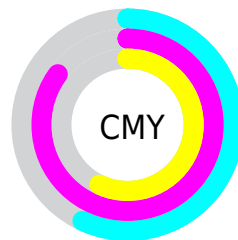
- Red (43%)
- Green (15%)
- Blue (43%)



- Red (43%)
- Yellow (15%)
- Blue (43%)



- Cyan (0%)
- Magenta (66%)
- Yellow (1%)
- Black (57%)



- Cyan (57%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0350, 20.6887, 37.6803 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 67.0350, 20.6887, 37.6803 by changing the saturation by 10% instead.

67.0350, 20.6887,
37.6803

67.0350, 20.6887,
37.6803

255.0000, 0.0000,
0.0000

38.8010, 22.2831,
39.6395

119.0460, 20.6833,
39.4247

24.5950, 17.9477,
30.1732

145.7580, 20.8253,
40.5542

15.8080, 11.4337,
19.4624

172.5840, 21.4041,
41.5838

2.4110, 6.6994,
-2.1144

200.2960, 21.5461,
42.7134

0.0000, 0.0000,
0.0000

219.7800, 17.3635,
30.8879

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

67.0350, 20.6887,
37.6803

67.0350, 20.6887,
37.6803

60.5780, 23.8720,
43.3431

73.4920, 17.5054,
32.0175

54.1210, 27.0553,
49.0059

79.9490, 14.3221,
26.3547

47.6640, 30.2386,
54.6687

86.4060, 11.1388,
20.6919

45.2020, 30.9594,
56.8278

92.9770, 8.3923,
14.9292

99.4340, 5.2090,
9.2664

■ 105.8910, 2.0257,
3.6036

■ 112.3480, -1.1576,
-2.0592

■ 118.8050, -4.3409,
-7.7220

■ 125.2620, -7.5242,
-13.3848

Harmonies

Analogous

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



67.1800, 33.9283, -8.9279



67.0350, 20.6887, 37.6803



57.6550, 7.0721, 65.2006

Triad

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



67.0350, 20.6887, 37.6803



63.8690, -31.4874, 19.4089



61.0500, 20.6814, -53.5408

Complementary

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



67.0350, 20.6887, 37.6803



79.9650, -20.6887, -37.6803

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.



56.6040, 3.6462, -49.6417



67.0350, 20.6887, 37.6803



58.9640, -29.0693, -9.6154

Square

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



67.0350, 20.6887, 37.6803



62.8490, -30.9846, 44.8594



50.1690, -13.3943, -43.9982



62.7090, 34.6535, -54.9958

Rectangle

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



67.0350, 20.6887, 37.6803



56.8650, -4.8634, 66.7704



50.1690, -13.3943, -43.9982



59.5680, 15.0030, -52.2411

Sweetspot

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



67.0350, 20.6887, 37.6803



125.8630, 7.9555, 15.0291



45.3220, 31.8863, -7.2984



61.0210, 4.9196, 8.7516



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



67.0350, 20.6887, 37.6803



75.8540, 32.1170, 58.8870



63.0450, 5.4008, 41.1795



52.4780, 1.7363, 3.0888



49.3320, 33.8533, 61.9758



101.6690, 70.1692, 127.4553

Inverse Universe

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



67.0350, 20.6887, 37.6803



75.8540, 32.1170, 58.8870



84.0690, -4.9640, -41.2795



52.4780, 1.7363, 3.0888



49.3320, 33.8533, 61.9758



101.6690, 70.1692, 127.4553

Previews

White Background



This preview shows how the YUV color 67.0350, 20.6887, 37.6803 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 67.0350, 20.6887, 37.6803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

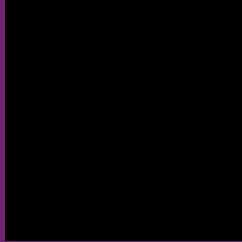
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0350, 20.6887, 37.6803

Background



This preview shows how black text looks on a background with the YUV color 67.0350, 20.6887, 37.6803.



This preview shows how white text looks on a background with the YUV color 67.0350, 20.6887,

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

67.0350, 20.6887, 37.6803

Protanopia

62.0090, 36.4776, -33.3339

Deuteranopia

67.9070, 17.7938, -13.9504



Tritanopia

68.7050, -5.7706, 30.9537

Trichromacy



Original Color

67.0350, 20.6887, 37.6803

Protanomaly

63.6810, 30.7233, -7.6132

Deuteranomaly

67.3700, 19.0446, 4.9375

Tritanomaly

67.9470, 3.9701, 33.3725

Monochromacy



Original Color

67.0350, 20.6887, 37.6803

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0370, 7.3768, 13.9996

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0350, 20.6887, 37.6803 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(110, 37, 109)` looks like.

```
.text, #text, p{  
    color:rgb(110, 37, 109)  
}
```

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(110, 37, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 37, 109) }
```

Border

The CSS property to change the border of an element to YUV 67.0350, 20.6887, 37.6803 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(110, 37, 109) }
```


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

```
.border{ border-color:rgb(110, 37, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 37, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 37, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 37, 109);  
box-shadow:4px 4px 4px 4px rgb(110, 37,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 67.0350, 20.6887, 37.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 37, 109) }
```

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

```
.background{ background-color: rgb(110, 37,  
109) }
```

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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