

Converting Colors

YUV(67.7360, 20.8362, 37.0655)

Have a look what the booklet for
YUV(67.7360, 20.8362, 37.0655)
contains.

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Color

**YUV(67.7360, 20.8362,
37.0655)**

Conversions

Conversions Part 1

Format	Color
Hex	6E266E
RGB	110, 38, 110
RGB Percent	43%, 15%, 43%
CMY	0.5686, 0.8510, 0.5686
CMYK	0.00, 0.65, 0.00, 0.57
HSL	300°, 49%, 29%
HSV	300°, 65%, 43%
XYZ	9.9380, 5.8270, 15.3528
YIQ	67.7360, 19.8000, 37.6560

Conversions

Conversions Part 2

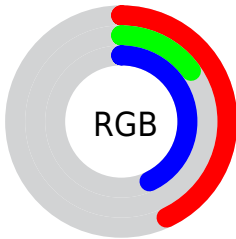
Format	Color
R_{YB}	110, 38, 110
Decimal	7218798
CIE _{Lab}	28.97, 41.71, -26.56
CIE _{LCh}	29, 49.448, 327.512
Yxy	5.8270, 0.3194, 0.1873
Android (android.graphics.Color)	4285408878 (0xFF6E266E)
YUV	67.7360, 20.8362, 37.0655
Hunter-Lab	24.1392, 31.2440, -20.8116

Details

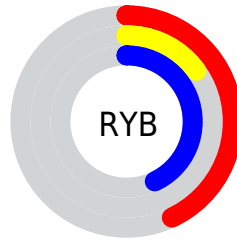
The YUV color **67.7360, 20.8362, 37.0655** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **80.2640, -20.8362, -37.0655**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7470, 20.8307, 38.8099**, and **24.7090, 18.3845, 30.0732** is the 20% darker color. If you saturate the color by 10%, you get **61.2790, 24.0195, 42.7283**, and if you desaturate by 10%, it is **74.1930, 17.6529, 31.4027**.

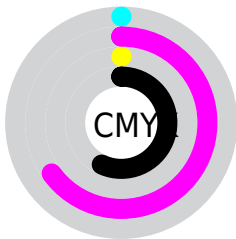
Distribution



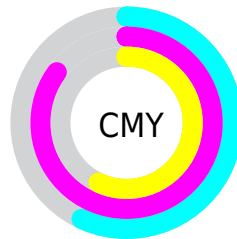
- Red (43%)
- Green (15%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (65%)
- Yellow (0%)
- Black (57%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7360, 20.8362, 37.0655 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 67.7360, 20.8362, 37.0655 by changing the saturation by 10% instead.

67.7360, 20.8362,
37.0655

67.7360, 20.8362,
37.0655

255.0000, 0.0000,
0.0000

40.0890, 22.1411,
38.5099

119.7470, 20.8307,
38.8099

24.7090, 18.3845,
30.0732

146.4590, 20.9727,
39.9395

15.9220, 11.8705,
19.3624

173.2850, 21.5515,
40.9691

2.5250, 7.1362,
-2.2144

201.1110, 22.1303,
41.9987

0.0000, 0.0000,
0.0000

220.3670, 17.0741,
30.3731

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 67.7360, 20.8362,
37.0655

■ 67.7360, 20.8362,
37.0655

■ 61.2790, 24.0195,
42.7283

■ 74.1930, 17.6529,
31.4027

■ 54.8220, 27.2028,
48.3911

■ 80.6500, 14.4695,
25.7399

■ 48.3650, 30.3861,
54.0539

■ 87.1070, 11.2862,
20.0772

■ 45.4300, 31.8330,
56.6279

■ 93.5640, 8.1029,
14.4144

■ 100.0210, 4.9196,
8.7516

■ 106.4780, 1.7363,
3.0888

■ 112.9350, -1.4470,
-2.5740

■ 119.3920, -4.6303,
-8.2368

■ 125.8490, -7.8136,
-13.8996

Harmonies

Analogous

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



66.9950, 34.5125, -9.6426



67.7360, 20.8362, 37.0655



58.3560, 7.2195, 64.5858

Triad

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



67.7360, 20.8362, 37.0655



64.7550, -31.9242, 19.5089



61.6370, 20.3920, -54.0556

Complementary

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



67.7360, 20.8362, 37.0655



80.2640, -20.8362, -37.0655

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



67.7360, 20.8362, 37.0655



59.5620, -29.3641, -8.3859

Square

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



67.7360, 20.8362, 37.0655



63.1480, -31.1320, 45.4742



50.7560, -13.6837, -44.5130



63.2960, 34.3641, -55.5106

Rectangle

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



67.7360, 20.8362, 37.0655



57.8650, -4.8634, 66.7704



50.7560, -13.6837, -44.5130



60.1550, 14.7136, -52.7559

Sweetspot

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



67.7360, 20.8362, 37.0655



125.9770, 8.3923, 14.9292



46.2080, 31.4495, -7.1984



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.



67.7360, 20.8362, 37.0655



76.6690, 32.7012, 58.1723



63.6320, 5.1114, 40.6647



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Inverse Universe

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



67.7360, 20.8362, 37.0655



76.6690, 32.7012, 58.1723



84.3680, -5.1114, -40.6647



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 67.7360, 20.8362, 37.0655 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 67.7360, 20.8362, 37.0655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

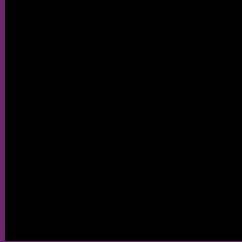
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7360, 20.8362, 37.0655

Background



This preview shows how black text looks on a background with the YUV color 67.7360, 20.8362, 37.0655.



This preview shows how white text looks on a background with the YUV color 67.7360, 20.8362,

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

67.7360, 20.8362, 37.0655

Protanopia

62.4220, 36.7670, -32.8191

Deuteranopia

68.0210, 18.2306, -14.0504



Tritanopia

69.4060, -5.6232, 30.3389

Trichromacy



Original Color

67.7360, 20.8362, 37.0655

Protanomaly

64.0940, 31.0127, -7.0984

Deuteranomaly

68.0710, 19.1920, 4.3227

Tritanomaly

68.6480, 4.1175, 32.7577

Monochromacy



Original Color

67.7360, 20.8362, 37.0655

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7380, 7.5242, 13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7360, 20.8362, 37.0655 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, 38, 110)` looks like.

```
.text, #text, p{  
    color:rgb(110, 38, 110)  
}
```

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, 38, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 38, 110) }
```

Border

The CSS property to change the border of an element to YUV 67.7360, 20.8362, 37.0655 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, 38, 110) }
```


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

```
.border{ border-color:rgb(110, 38, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 38, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 38, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 38, 110);  
box-shadow:4px 4px 4px 4px rgb(110, 38,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 67.7360, 20.8362, 37.0655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 38, 110) }
```

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

```
.background{ background-color: rgb(110, 38,  
110) }
```

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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