

Converting Colors

YUV(67.8200, 23.2597, 6.2969)

Have a look what the booklet for
YUV(67.8200, 23.2597, 6.2969)
contains.

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Color

**YUV(67.8200, 23.2597,
6.2969)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3773
RGB	75, 55, 115
RGB Percent	29%, 22%, 45%
CMY	0.7059, 0.7843, 0.5490
CMYK	0.35, 0.52, 0.00, 0.55
HSL	260°, 35%, 33%
HSV	260°, 52%, 45%
XYZ	7.3624, 5.4660, 16.8867
YIQ	67.8200, -7.3400, 22.9000

Conversions

Conversions Part 2

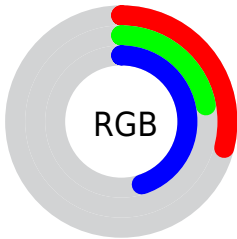
Format	Color
R_{YB}	75, 55, 115
Decimal	4929395
CIE _{Lab}	28.02, 23.38, -31.55
CIE _{LCh}	28, 39.273, 306.542
Yxy	5.4660, 0.2478, 0.1839
Android (android.graphics.Color)	4283119475 (0xFF4B3773)
YUV	67.8200, 23.2597, 6.2969
Hunter-Lab	23.3796, 15.2964, -26.4585

Details

The YUV color **67.8200, 23.2597, 6.2969** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **102.1800, -23.2597, -6.2969**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5860, 24.8541, 8.2561**, and **22.3420, 21.5234, 3.2081** is the 20% darker color. If you saturate the color by 10%, you get **58.9710, 27.6223, 7.0414**, and if you desaturate by 10%, it is **77.2560, 18.6078, 5.0375**.

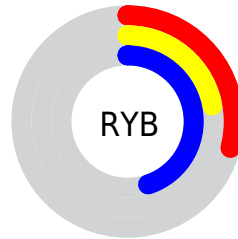
Distribution



Red (29%)

Green (22%)

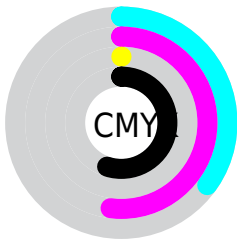
Blue (45%)



Red (29%)

Yellow (22%)

Blue (45%)

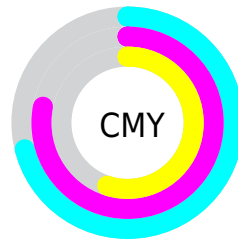


Cyan (35%)

Magenta (52%)

Yellow (0%)

Black (55%)



Cyan (71%)

Magenta (78%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8200, 23.2597, 6.2969 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 67.8200, 23.2597, 6.2969 by changing the saturation by 10% instead.

67.8200, 23.2597,
6.2969

67.8200, 23.2597,
6.2969

255.0000, 0.0000,
0.0000

44.8800, 22.2442,
5.3672

116.5860, 24.8541,
8.2561

22.3420, 21.5234,
3.2081

143.1130, 25.5803,
8.6709

5.0160, 19.2191,
-4.3990

169.6400, 26.3065,
9.0857

3.0950, 9.3202,
-2.7143

197.1670, 27.0327,
9.5005

0.0000, 0.0000,
0.0000

221.7300, 16.4021,
12.5148

244.4340, 5.2090,

9.2664

■ 67.8200, 23.2597,
6.2969

■ 67.8200, 23.2597,
6.2969

■ 58.9710, 27.6223,
7.0414

■ 77.2560, 18.6078,
5.0375

■ 49.8340, 32.1268,
8.9156

■ 85.8060, 14.3926,
3.6781

■ 40.9850, 36.4894,
9.6602

■ 95.2420, 9.7407,
2.4188

■ 31.5490, 41.1413,
10.9195

■ 104.0910, 5.3781,
1.6742

■ 24.4720, 44.6303,
11.8641

■ 113.2280, 0.8736,
-0.2000

■ 122.0770, -3.4890,
-0.9445

■ 131.5130, -8.1409,
-2.2039

■ 140.0630,
-12.3561, -3.5633

■ 149.4990,
-17.0080, -4.8226

Harmonies

Analogous

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



54.2800, 35.3580, -47.6036



67.8200, 23.2597, 6.2969



66.4340, 12.1110, 35.5764

Triad

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



67.8200, 23.2597, 6.2969



63.0430, -28.6152, 31.5343



55.1680, 8.2982, -48.3823

Complementary

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



67.8200, 23.2597, 6.2969



102.1800, -23.2597, -6.2969

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.



50.4600, -4.6638, -44.2534



67.8200, 23.2597, 6.2969



61.7540, -30.4447, 11.6167

Square

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



67.8200, 23.2597, 6.2969



62.9860, -15.2761, 46.4933



57.2500, -22.8012, -13.3742



57.8870, 21.2547, -50.7669

Rectangle

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



67.8200, 23.2597, 6.2969



63.6220, 3.6374, 46.8125



57.2500, -22.8012, -13.3742



54.0280, 3.9302, -47.3826

Sweetspot

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



67.8200, 23.2597, 6.2969



131.1280, 9.3039, 2.5187



85.3200, 14.6322, -26.5906



65.2050, 5.8149, 1.5742



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



67.8200, 23.2597, 6.2969



75.9850, 36.4894, 9.6602



76.7900, 18.8375, 24.7402



54.2820, 2.3260, 0.6297



26.1670, 47.2457, 13.0085



53.3170, 96.9647, 26.0320

Inverse Universe

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



77.5000, 8.6275, 32.8875



91.2880, 13.6620, 51.4904



93.2100, -18.8375, -24.7402



55.2500, 0.8628, 3.2888



45.8260, 17.8338, 66.8046



93.7880, 36.0935, 136.9979

Previews

White Background



This preview shows how the YUV color 67.8200, 23.2597, 6.2969 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 67.8200, 23.2597, 6.2969 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 67.8200, 23.2597, 6.2969

Background



This preview shows how black text looks on a background with the YUV color 67.8200, 23.2597, 6.2969.



This preview shows how white text looks on a background with the YUV color 67.8200, 23.2597,

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

67.8200, 23.2597, 6.2969

Protanopia

61.8700, 30.6301, -24.4420

Deuteranopia

61.9640, 24.6677, -25.4014



Tritanopia

66.5700, 2.1840, -0.4999

Trichromacy



Original Color

67.8200, 23.2597, 6.2969

Protanomaly

64.2520, 27.9768, -13.3760

Deuteranomaly

64.2150, 24.0510, -14.2206

Tritanomaly

66.9430, 9.8881, 1.8040

Monochromacy



Original Color

67.8200, 23.2597, 6.2969

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9000, 8.4303, 2.7187

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8200, 23.2597, 6.2969 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(75, 55, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 55, 115) }
```

Border

The CSS property to change the border of an element to YUV 67.8200, 23.2597, 6.2969 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, 115) }
```


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

```
.border{ border-color:rgb(75, 55, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 55, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 55, 115);  
box-shadow:4px 4px 4px 4px rgb(75, 55,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 67.8200, 23.2597, 6.2969 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, 115) }
```

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

```
.background{ background-color: rgb(75, 55,  
115) }
```

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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