

Converting Colors

YUV(67.4200, 46.6279,
-22.2933)

Have a look what the booklet for
YUV(67.4200, 46.6279, -22.2933)
contains.

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Color

**YUV(67.4200, 46.6279,
-22.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3EA2
RGB	42, 62, 162
RGB Percent	16%, 24%, 64%
CMY	0.8353, 0.7569, 0.3647
CMYK	0.74, 0.62, 0.00, 0.36
HSL	230°, 59%, 40%
HSV	230°, 74%, 64%
XYZ	9.1991, 6.5461, 34.9611
YIQ	67.4200, -44.0200, 26.8600

Conversions

Conversions Part 2

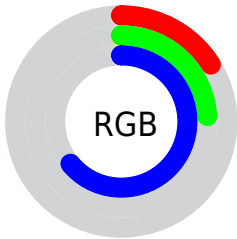
Format	Color
R _Y B	42, 59, 162
Decimal	2768546
CIE Lab	30.75, 28.05, -56.35
CIE LCh	31, 62.946, 296.467
Yxy	6.5461, 0.1814, 0.1291
Android (android.graphics.Color)	4280958626 (0xFF2A3EA2)
YUV	67.4200, 46.6279, -22.2933
Hunter-Lab	25.5854, 19.4040, -63.1069

Details

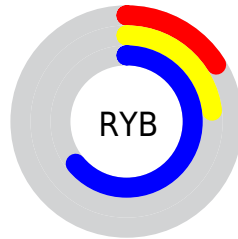
The YUV color **67.4200, 46.6279, -22.2933** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **136.5800, -46.6279, 22.2933**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.2300, 48.2006, -13.3567**, and **24.7530, 41.5338, -21.7084** is the 20% darker color. If you saturate the color by 10%, you get **55.0050, 52.7485, -25.4374**, and if you desaturate by 10%, it is **80.4220, 40.2180, -19.6641**.

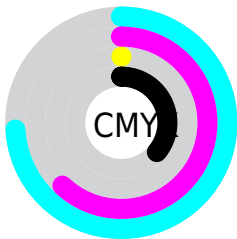
Distribution



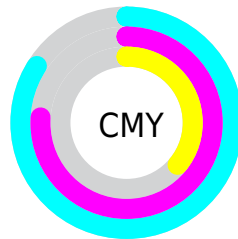
- Red (16%)
- Green (24%)
- Blue (64%)



- Red (16%)
- Yellow (23%)
- Blue (64%)



- Cyan (74%)
- Magenta (62%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (76%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4200, 46.6279, -22.2933 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 67.4200, 46.6279, -22.2933 by changing the saturation by 10% instead.

■ 67.4200, 46.6279,
-22.2933

■ 67.4200, 46.6279,
-22.2933

■ 255.0000, 0.0000,
0.0000

■ 38.8700, 47.3921,
-34.0890

■ 120.2300, 48.2006,
-13.3567

■ 24.7530, 41.5338,
-21.7084

■ 147.4690, 49.0688,
-11.8123

■ 9.5760, 36.6910,
-8.3982

■ 172.3140, 40.7642,
-8.1684

■ 10.3620, 24.4715,
-9.0875

■ 196.8340, 28.6758,
-4.2394

■ 5.3920, 15.5827,
-4.7288

■ 221.9410, 16.2981,
-0.8253

■ 2.1830, 5.8258,
-1.9145

■ 247.3470, 3.7729,

■ 0.0000, 0.0000,

3.2037

0.0000

■ 67.4200, 46.6279,
-22.2933

■ 67.4200, 46.6279,
-22.2933

■ 55.0050, 52.7485,
-25.4374

■ 80.4220, 40.2180,
-19.6641

■ 42.0030, 59.1585,
-28.0666

■ 92.8370, 34.0974,
-16.5200

■ 34.3170, 62.9477,
-30.0960

■ 106.1380, 27.5400,
-13.2760

■ 118.5530, 21.4194,
-10.1320

■ 131.5550, 15.0094,
-7.5027

■ 143.9700, 8.8888,
-4.3587

■ 156.3850, 2.7682,
-1.2146

■ 169.6860, -3.7892,
2.0294

■ 182.1010, -9.9098,
5.1734

Harmonies

Analogous

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



67.1550, 51.6886, -58.8949



67.4200, 46.6279, -22.2933



67.2180, 29.9655, 48.9208

Triad

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



67.4200, 46.6279, -22.2933



64.6980, -31.8961, 57.2699



60.8270, 2.0573, -53.3453

Complementary

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



67.4200, 46.6279, -22.2933



136.5800, -46.6279, 22.2933

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.



52.9270, -23.1350, -46.4170



67.4200, 46.6279, -22.2933



68.6090, -33.8242, 22.2679

Square

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



67.4200, 46.6279, -22.2933



49.0960, -8.4283, 90.2468



62.1870, -30.6582, -13.3190



67.1140, 23.6078, -58.8590

Rectangle

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



67.4200, 46.6279, -22.2933



54.7120, 20.8480, 80.0596



62.1870, -30.6582, -13.3190



58.7750, -5.8051, -51.5457

Sweetspot

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



67.4200, 46.6279, -22.2933



175.0540, 18.2144, -8.8174



123.8400, 8.9529, -71.7737



85.1270, 10.7834, -5.3734



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



67.4200, 46.6279, -22.2933



63.3300, 73.2943, -35.3694



67.6400, 46.5195, 12.5937



75.2000, 3.3524, -1.9294



30.6180, 56.3903, -26.8520



3.8130, 6.9942, -3.3440

Inverse Universe

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



80.1600, -8.9529, 71.7737



83.1590, -13.8824, 112.9936



136.3600, -46.5195, -12.5937



75.9190, -0.4531, 5.3330



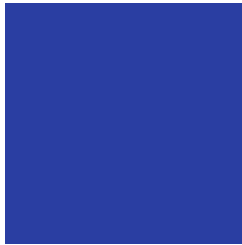
46.0910, -10.8909, 86.7432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 67.4200, 46.6279, -22.2933 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 67.4200, 46.6279, -22.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

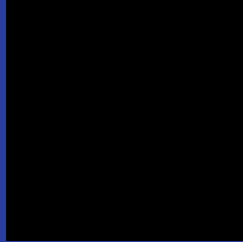
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4200, 46.6279, -22.2933

Background



This preview shows how black text looks on a background with the YUV color 67.4200, 46.6279, -22.2933.



This preview shows how white text looks on a background with the YUV color 67.4200, 46.6279, -22.2933.

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

67.4200, 46.6279, -22.2933

Deuteranopia

57.9160, 34.0584, -50.7923

Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

67.4200, 46.6279, -22.2933

Deuteranomaly

61.5350, 38.6832, -40.8112

Tritanomaly

60.3320, 26.4583, -39.7562

Monochromacy



Original Color

67.4200, 46.6279, -22.2933

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1250, 17.1934, -8.0026

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4200, 46.6279, -22.2933 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(42, 62, 162)` looks like.

```
.text, #text, p{  
    color:rgb(42, 62, 162)  
}
```

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(42, 62, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 62, 162) }
```

Border

The CSS property to change the border of an element to YUV 67.4200, 46.6279, -22.2933 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(42, 62, 162) }
```

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

```
.border{ border-color:rgb(42, 62, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 62, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 62, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 62, 162);  
box-shadow:4px 4px 4px 4px rgb(42, 62,  
162) }
```


Background

The CSS property to change the background color of an element to YUV 67.4200, 46.6279, -22.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 62, 162) }
```

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

```
.background{ background-color: rgb(42, 62,  
162) }
```

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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