

Converting Colors

YUV(63.7200, 31.6900, 9.0156)

Have a look what the booklet for
YUV(63.7200, 31.6900, 9.0156)
contains.

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Color

**YUV(63.7200, 31.6900,
9.0156)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2E80
RGB	74, 46, 128
RGB Percent	29%, 18%, 50%
CMY	0.7098, 0.8196, 0.4980
CMYK	0.42, 0.64, 0.00, 0.50
HSL	260°, 47%, 34%
HSV	260°, 64%, 50%
XYZ	7.6973, 4.9683, 20.9754
YIQ	63.7200, -9.6340, 31.4380

Conversions

Conversions Part 2

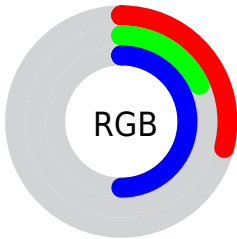
Format	Color
R_{YB}	74, 46, 128
Decimal	4861568
CIE _{Lab}	26.64, 32.51, -41.98
CIE _{LCh}	27, 53.100, 307.754
Yxy	4.9683, 0.2288, 0.1477
Android (android.graphics.Color)	4283051648 (0xFF4A2E80)
YUV	63.7200, 31.6900, 9.0156
Hunter-Lab	22.2898, 22.6341, -40.1908

Details

The YUV color **63.7200, 31.6900, 9.0156** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **110.2800, -31.6900, -9.0156**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.3120, 33.8632, 12.0044**, and **16.0460, 30.5433, 3.4677** is the 20% darker color. If you saturate the color by 10%, you get **53.6970, 36.6314, 10.7897**, and if you desaturate by 10%, it is **73.7430, 26.7487, 7.2414**.

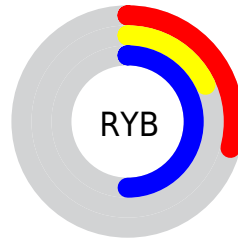
Distribution



 Red (29%)

 Green (18%)

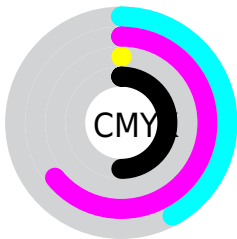
 Blue (50%)




 Red (29%)

 Yellow (18%)

 Blue (50%)

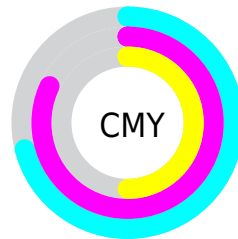


 Cyan (42%)

 Magenta (64%)

 Yellow (0%)

 Black (50%)



 Cyan (71%)

 Magenta (82%)

 Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7200, 31.6900, 9.0156 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 63.7200, 31.6900, 9.0156 by changing the saturation by 10% instead.

■ 63.7200, 31.6900,
9.0156

■ 63.7200, 31.6900,
9.0156

■ 255.0000, 0.0000,
0.0000

■ 40.0680, 30.5325,
6.9564

■ 113.3120, 33.8632,
12.0044

■ 16.0460, 30.5433,
3.4677

■ 139.7250, 34.1526,
12.5192

■ 6.2700, 24.0239,
-5.4988

■ 166.6650, 35.1682,
13.4488

■ 4.8220, 13.3988,
-4.2289

■ 192.2370, 30.9422,
15.5782

■ 0.4560, 1.7472,
-0.3999

■ 217.3440, 18.5644,
18.9923

■ 0.0000, 0.0000,
0.0000

■ 238.5640, 8.1029,

14.4144

■ 63.7200, 31.6900,
9.0156

■ 63.7200, 31.6900,
9.0156

■ 53.6970, 36.6314,
10.7897

■ 73.7430, 26.7487,
7.2414

■ 43.3750, 41.7201,
11.9491

■ 84.0650, 21.6600,
6.0820

■ 33.9390, 46.3721,
13.2085

■ 93.5010, 17.0080,
4.8226

■ 27.7480, 49.4242,
14.2530

■ 103.8230, 11.9193,
3.6632

■ 113.8460, 6.9779,
1.8891

■ 124.1680, 1.8892,
0.7297

■ 134.1910, -3.0522,
-1.0445

■ 143.6270, -7.7041,
-2.3039

■ 153.9490,
-12.7929, -3.4633

Harmonies

Analogous

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



54.6850, 44.5253, -47.9587



63.7200, 31.6900, 9.0156



54.6180, 19.9083, 54.7090

Triad

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



63.7200, 31.6900, 9.0156



59.2610, -29.2157, 37.4821



55.2820, 8.7350, -48.4823

Complementary

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



63.7200, 31.6900, 9.0156



110.2800, -31.6900, -9.0156

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.



49.2060, -9.4686, -43.1537



63.7200, 31.6900, 9.0156



58.7860, -28.9815, 8.9577

Square

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



63.7200, 31.6900, 9.0156



52.2870, -18.3825, 62.8923



49.7170, -24.5105, -25.1848



59.1410, 26.0595, -51.8667

Rectangle

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



63.7200, 31.6900, 9.0156



46.6220, 10.5394, 73.1225



49.7170, -24.5105, -25.1848



53.0990, 2.9092, -46.5678

Sweetspot

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



63.7200, 31.6900, 9.0156



140.9370, 12.3561, 3.5633



87.6330, 19.9009, -36.5121



68.9600, 7.4147, 1.7891



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



63.7200, 31.6900, 9.0156



65.7480, 49.4242, 14.2530



75.6800, 25.7938, 33.6066



58.6950, 2.6154, 1.1445



27.7480, 49.4242, 14.2530



0.0000, 0.0000, 0.0000

Inverse Universe

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



76.6740, 11.4997, 45.0129



85.8480, 17.8229, 70.2933



98.3200, -25.7938, -33.6066



59.6630, 1.1521, 3.8035



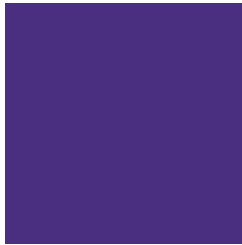
47.8480, 17.8229, 70.2933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 63.7200, 31.6900, 9.0156 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 63.7200, 31.6900, 9.0156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

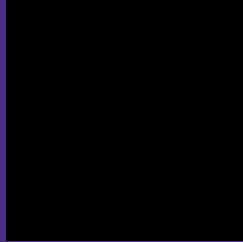
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7200, 31.6900, 9.0156

Background



This preview shows how black text looks on a background with the YUV color 63.7200, 31.6900, 9.0156.



This preview shows how white text looks on a background with the YUV color 63.7200, 31.6900,

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

63.7200, 31.6900, 9.0156

Protanopia

50.6270, 39.1309, -44.3999

Deuteranopia

51.0370, 30.5478, -44.7594



Tritanopia

63.3740, 2.7736, -2.9590

Trichromacy



Original Color

63.7200, 31.6900, 9.0156

Protanomaly

55.6510, 36.1611, -25.1269

Deuteranomaly

55.5710, 30.7775, -25.0568

Tritanomaly

63.1540, 13.2351, 1.6189

Monochromacy



Original Color

63.7200, 31.6900, 9.0156

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7090, 11.4825, 3.7632

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7200, 31.6900, 9.0156 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(74, 46, 128)` looks like.

```
.text, #text, p{  
    color:rgb(74, 46, 128)  
}
```

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(74, 46, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 46, 128) }
```

Border

The CSS property to change the border of an element to YUV 63.7200, 31.6900, 9.0156 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(74, 46, 128) }
```


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

```
.border{ border-color:rgb(74, 46, 128) }
```

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

Here you see how a box with a 4 pixel rgb(74, 46, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 46, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 46, 128);  
box-shadow:4px 4px 4px 4px rgb(74, 46,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 63.7200, 31.6900, 9.0156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 46, 128) }
```

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

```
.background{ background-color: rgb(74, 46,  
128) }
```

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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