

Converting Colors

YUV(41.9200, 58.7064, 23.7492)

Have a look what the booklet for
YUV(41.9200, 58.7064, 23.7492)
contains.

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Color

**YUV(41.9200, 58.7064,
23.7492)**

Conversions

Conversions Part 1

Format	Color
Hex	4505A1
RGB	69, 5, 161
RGB Percent	27%, 2%, 63%
CMY	0.7294, 0.9804, 0.3686
CMYK	0.57, 0.97, 0.00, 0.37
HSL	265°, 94%, 33%
HSV	265°, 97%, 63%
XYZ	8.9415, 3.9470, 34.0088
YIQ	41.9200, -11.9320, 62.0840

Conversions

Conversions Part 2

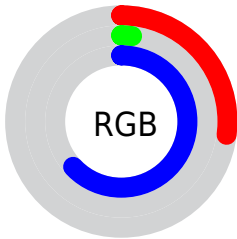
Format	Color
RYB	69, 5, 161
Decimal	4523425
CIELab	23.50, 57.16, -67.60
CIELCh	23, 88.531, 310.217
Yxy	3.9470, 0.1907, 0.0842
Android (android.graphics.Color)	4282713505 (0xFF4505A1)
YUV	41.9200, 58.7064, 23.7492
Hunter-Lab	19.8670, 45.5705, -87.5873

Details

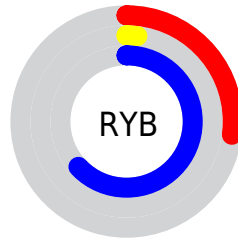
The YUV color **41.9200, 58.7064, 23.7492** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **124.0800, -58.7064, -23.7492**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.0510, 56.6699, 23.6343**, and **12.3120, 47.1742, -10.7976** is the 20% darker color. If you saturate the color by 10%, you get **38.0880, 60.5956, 24.4788**, and if you desaturate by 10%, it is **54.0030, 52.7495, 21.0454**.

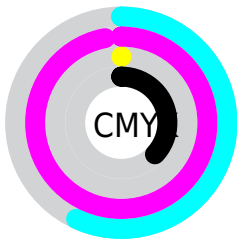
Distribution



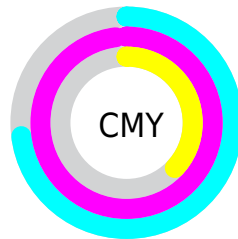
- Red (27%)
- Green (2%)
- Blue (63%)



- Red (27%)
- Yellow (2%)
- Blue (63%)



- Cyan (57%)
- Magenta (97%)
- Yellow (0%)
- Black (37%)



- Cyan (73%)
- Magenta (98%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.9200, 58.7064, 23.7492 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 41.9200, 58.7064, 23.7492 by changing the saturation by 10% instead.

41.9200, 58.7064,
23.7492

41.9200, 58.7064,
23.7492

255.0000, 0.0000,
0.0000

25.4420, 53.5191,
7.5054

102.0510, 56.6699,
23.6343

12.3120, 47.1742,
-10.7976

129.2900, 57.5380,
25.1787

9.4620, 36.2542,
-8.2982

154.2490, 49.6702,
28.7226

10.1340, 23.5979,
-8.8875

179.0680, 37.4345,
33.2664

5.2780, 15.1459,
-4.6288

203.8870, 25.1987,
37.8101

1.2540, 4.8048,
-1.0998


223.3020, 15.6271,


0.0000, 0.0000,


27.7991


0.0000


 239.7380, 7.5242,
13.3848


 41.9200, 58.7064,
23.7492

 41.9200, 58.7064,
23.7492


 38.0880, 60.5956,
24.4788

 54.0030, 52.7495,
21.0454

 66.3850, 46.6452,
18.9564

 78.4680, 40.6883,
16.2526

 90.8500, 34.5840,
14.1636

 103.5200, 28.3376,
10.9450

■ 115.9020, 22.2333,
8.8559

■ 127.9850, 16.2764,
6.1522

■ 140.3670, 10.1721,
4.0631

■ 152.4500, 4.2152,
1.3594

Harmonies

Analogous

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



58.3960, 66.3598, -51.2133



41.9200, 58.7064, 23.7492



54.7980, 23.7636, 78.2302

Triad

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



41.9200, 58.7064, 23.7492



50.4670, -24.8802, 46.9484



54.0910, 11.7871, -47.4378

Complementary

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



41.9200, 58.7064, 23.7492



124.0800, -58.7064, -23.7492

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.



44.0250, -21.7043, -38.6099



41.9200, 58.7064, 23.7492



50.4580, -24.8758, -1.2787

Square

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



41.9200, 58.7064, 23.7492



42.4580, -20.9318, 87.2983



41.6770, -20.5468, -36.5507



62.0880, 39.8896, -54.4512

Rectangle

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



41.9200, 58.7064, 23.7492



54.2670, 2.3334, 91.8508



41.6770, -20.5468, -36.5507



50.8820, 2.0302, -44.6235

Sweetspot

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



41.9200, 58.7064, 23.7492



162.4290, 22.9595, 9.2708



77.9620, 40.9377, -63.9877



76.7030, 13.9504, 5.5225



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



41.9200, 58.7064, 23.7492



49.5400, 78.6138, 31.9754



64.6440, 47.5035, 70.4722



75.2220, 3.3416, 1.5593



34.4700, 54.4913, 22.3898



4.1450, 6.8305, 2.5038

Inverse Universe

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



62.1320, 17.1899, 86.7072



76.5130, 22.9181, 116.1911



101.3560, -47.5035, -70.4722



76.2610, 0.8573, 5.0331



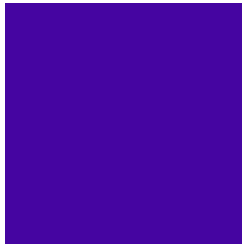
53.1590, 16.1906, 80.5446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 41.9200, 58.7064, 23.7492 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

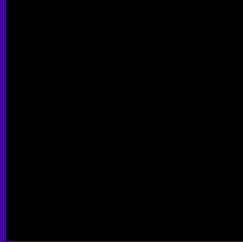
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.9200, 58.7064, 23.7492

Background



This preview shows how black text looks on a background with the YUV color 41.9200, 58.7064, 23.7492.



This preview shows how white text looks on a background with the YUV color 41.9200, 58.7064,

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

41.9200, 58.7064, 23.7492

Protanopia

46.3240, 35.3363, -40.6261

Deuteranopia

46.7340, 26.7531, -40.9857



Tritanopia

54.6000, 6.6062, -18.9432

Trichromacy



Original Color

41.9200, 58.7064, 23.7492

Protanomaly

44.4700, 44.1383, -17.0752

Deuteranomaly

44.9770, 38.4653, -17.5198

Tritanomaly

50.0360, 25.6183, -3.5396

Monochromacy



Original Color

41.9200, 58.7064, 23.7492

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.2610, 21.0703, 8.5411

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9200, 58.7064, 23.7492 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(69, 5, 161)` looks like.

```
.text, #text, p{  
    color:rgb(69, 5, 161)  
}
```

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(69, 5, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 5, 161) }
```

Border

The CSS property to change the border of an element to YUV 41.9200, 58.7064, 23.7492 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(69, 5, 161) }
```


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

```
.border{ border-color:rgb(69, 5, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 5, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 5, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 5, 161);  
box-shadow:4px 4px 4px 4px rgb(69, 5, 161)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.9200, 58.7064, 23.7492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 5, 161) }
```

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

```
.background{ background-color: rgb(69, 5,  
161) }
```

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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