

Converting Colors

YUV(57.1720, 32.9462, 26.1592)

Have a look what the booklet for
YUV(57.1720, 32.9462, 26.1592)
contains.

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Color

**YUV(57.1720, 32.9462,
26.1592)**

Conversions

Conversions Part 1

Format	Color
Hex	571D7C
RGB	87, 29, 124
RGB Percent	34%, 11%, 49%
CMY	0.6588, 0.8863, 0.5137
CMYK	0.30, 0.77, 0.00, 0.51
HSL	277°, 62%, 30%
HSV	277°, 77%, 49%
XYZ	8.0079, 4.3602, 19.4883
YIQ	57.1720, 4.0730, 41.8410

Conversions

Conversions Part 2

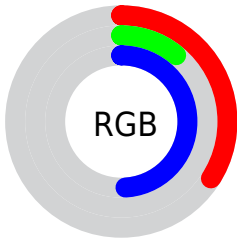
Format	Color
R_{YB}	87, 29, 124
Decimal	5709180
CIE _{Lab}	24.83, 43.21, -42.32
CIE _{LCh}	25, 60.482, 315.598
Yxy	4.3602, 0.2514, 0.1369
Android (android.graphics.Color)	4283899260 (0xFF571D7C)
YUV	57.1720, 32.9462, 26.1592
Hunter-Lab	20.8811, 31.9131, -40.7186

Details

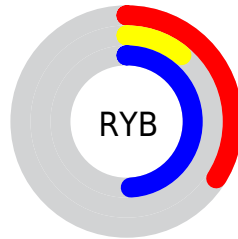
The YUV color **57.1720, 32.9462, 26.1592** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **95.8280, -32.9462, -26.1592**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.4110, 33.8144, 27.7036**, and **19.2000, 27.0164, 14.7336** is the 20% darker color. If you saturate the color by 10%, you get **48.6330, 37.1559, 29.2629**, and if you desaturate by 10%, it is **65.7110, 28.7365, 23.0555**.

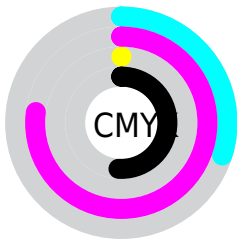
Distribution



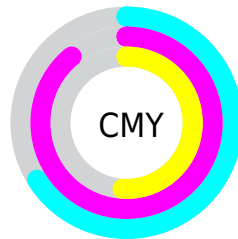
- Red (34%)
- Green (11%)
- Blue (49%)



- Red (34%)
- Yellow (11%)
- Blue (49%)



- Cyan (30%)
- Magenta (77%)
- Yellow (0%)
- Black (51%)



- Cyan (66%)
- Magenta (89%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1720, 32.9462, 26.1592 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 57.1720, 32.9462, 26.1592 by changing the saturation by 10% instead.

■ 57.1720, 32.9462,
26.1592

■ 57.1720, 32.9462,
26.1592

■ 255.0000, 0.0000,
0.0000

■ 29.5250, 34.2512,
27.6036

■ 108.4110, 33.8144,
27.7036

■ 19.2000, 27.0164,
14.7336

■ 135.2370, 34.3932,
28.7332

■ 7.0100, 21.6871,
-2.6398

■ 162.1770, 35.4087,
29.6628

■ 4.4800, 12.0884,
-3.9290

■ 189.0910, 32.4931,
31.4922


■ 0.0000, 0.0000,
0.0000


■ 213.6110, 20.4048,
35.4212


■ 230.3460, 12.1544,


21.6216


 247.3690, 3.7621,
6.6924


 57.1720, 32.9462,
26.1592

 57.1720, 32.9462,
26.1592

 48.6330, 37.1559,
29.2629


 65.7110, 28.7365,
23.0555

 39.5070, 41.6550,
32.8814

 74.8370, 24.2374,
19.4370

 36.8600, 42.9600,
34.3258

 83.0770, 20.1750,
15.7185

 92.2030, 15.6759,
12.1000

 100.7420, 11.4662,
8.9963

■ 109.2810, 7.2565,
5.8926

■ 118.4070, 2.7573,
2.2741

■ 126.9460, -1.4524,
-0.8296

■ 135.7730, -5.8041,
-5.0629

Harmonies

Analogous

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



50.4450, 48.5876, -44.2403



57.1720, 32.9462, 26.1592



47.1360, 17.6810, 69.1637

Triad

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



57.1720, 32.9462, 26.1592



55.9720, -27.5942, 30.7196



54.5470, 13.5343, -47.8377

Complementary

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



57.1720, 32.9462, 26.1592



95.8280, -32.9462, -26.1592

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.



47.9010, -6.8532, -42.0092



57.1720, 32.9462, 26.1592



52.8170, -26.0388, -1.5935

Square

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



57.1720, 32.9462, 26.1592



45.2720, -22.3191, 65.5365



42.2640, -20.8362, -37.0655



58.7480, 32.1692, -51.5220

Rectangle

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



57.1720, 32.9462, 26.1592



46.1080, 3.3978, 77.0813



42.2640, -20.8362, -37.0655



52.2500, 7.2718, -45.8232

Sweetspot

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



57.1720, 32.9462, 26.1592



134.7960, 12.9186, 9.8259



62.1360, 30.4990, -29.0603



65.8080, 7.9827, 6.3074



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



57.1720, 32.9462, 26.1592



56.7820, 51.3795, 40.5332



67.2090, 23.5610, 49.8057



56.8800, 2.0312, 1.8592



36.9740, 43.3968, 34.2258



74.7740, 87.3724, 69.4812

Inverse Universe

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



61.6230, 2.1579, 54.7046



63.7500, 3.0812, 85.2883



85.7910, -23.5610, -49.8057



57.0220, -0.0108, 3.4887



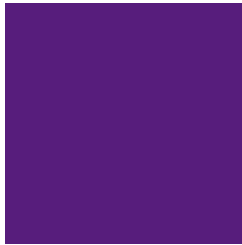
42.9610, 2.9772, 71.9482



86.5200, 5.6596, 145.1260

Previews

White Background



This preview shows how the YUV color 57.1720, 32.9462, 26.1592 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 57.1720, 32.9462, 26.1592 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 57.1720, 32.9462, 26.1592

Background



This preview shows how black text looks on a background with the YUV color 57.1720, 32.9462, 26.1592.



This preview shows how white text looks on a background with the YUV color 57.1720, 32.9462,

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

57.1720, 32.9462, 26.1592

Protanopia

47.9540, 36.5047, -42.0557

Deuteranopia

48.0050, 29.0845, -42.1004



Tritanopia

61.0340, -1.4958, 13.1252

Trichromacy



Original Color

57.1720, 32.9462, 26.1592

Protanomaly

51.1790, 35.4078, -16.8200

Deuteranomaly

51.2130, 30.4610, -16.8498

Tritanomaly

59.6830, 11.0023, 17.8180

Monochromacy



Original Color

57.1720, 32.9462, 26.1592

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1550, 11.7556, 9.5111

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1720, 32.9462, 26.1592 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(87, 29, 124)` looks like.

```
.text, #text, p{  
    color:rgb(87, 29, 124)  
}
```

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(87, 29, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 29, 124) }
```

Border

The CSS property to change the border of an element to YUV 57.1720, 32.9462, 26.1592 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(87, 29, 124) }
```


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

```
.border{ border-color:rgb(87, 29, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 29, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 29, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 29, 124);  
box-shadow:4px 4px 4px 4px rgb(87, 29,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 57.1720, 32.9462, 26.1592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 29, 124) }
```

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

```
.background{ background-color: rgb(87, 29,  
124) }
```

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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