

Converting Colors

YUV(96.7370, 29.2167, 9.0007)

Have a look what the booklet for
YUV(96.7370, 29.2167, 9.0007)
contains.

YUV(96.7370, 29.2167, 9.0007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(96.7370, 29.2167,
9.0007)**

Conversions

Conversions Part 1

Format	Color
Hex	6B509C
RGB	107, 80, 156
RGB Percent	42%, 31%, 61%
CMY	0.5804, 0.6863, 0.3882
CMYK	0.31, 0.49, 0.00, 0.39
HSL	261°, 32%, 46%
HSV	261°, 49%, 61%
XYZ	14.9328, 11.2634, 32.8395
YIQ	96.7370, -8.3040, 29.3600

Conversions

Conversions Part 2

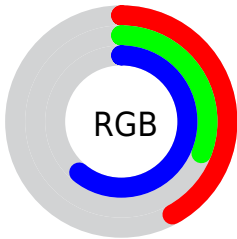
Format	Color
R_{YB}	107, 80, 156
Decimal	7032988
CIE _{Lab}	40.02, 28.33, -37.54
CIE _{LCh}	40, 47.028, 307.041
Yxy	11.2634, 0.2529, 0.1908
Android (android.graphics.Color)	4285223068 (0xFF6B509C)
YUV	96.7370, 29.2167, 9.0007
Hunter-Lab	33.5610, 20.6909, -34.5226

Details

The YUV color **96.7370, 29.2167, 9.0007** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **139.2630, -29.2167, -9.0007**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2040, 30.9584, 10.3451**, and **48.5580, 27.3329, 6.5266** is the 20% darker color. If you saturate the color by 10%, you get **84.3550, 35.3210, 11.0897**, and if you desaturate by 10%, it is **109.1190, 23.1123, 6.9116**.

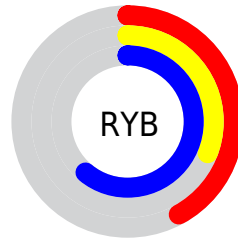
Distribution



Red (42%)

Green (31%)

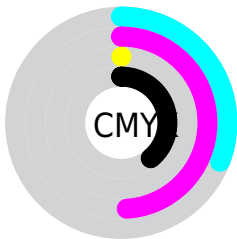
Blue (61%)



Red (42%)

Yellow (31%)

Blue (61%)

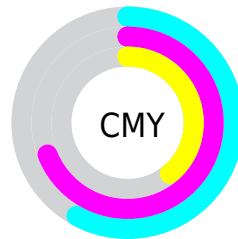


Cyan (31%)

Magenta (49%)

Yellow (0%)

Black (39%)



Cyan (58%)

Magenta (69%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7370, 29.2167, 9.0007 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 96.7370, 29.2167, 9.0007 by changing the saturation by 10% instead.

■ 96.7370, 29.2167,
9.0007

■ 96.7370, 29.2167,
9.0007

■ 255.0000, 0.0000,
0.0000

■ 72.4980, 28.3485,
7.4563

■ 148.2040, 30.9584,
10.3451

■ 48.5580, 27.3329,
6.5266

■ 175.0300, 31.5372,
11.3747

■ 25.7210, 26.7595,
3.7527

■ 201.3740, 26.4376,
13.7040

■ 9.9720, 22.6918,
1.7786

■ 226.1820, 14.2073,
16.5034

■ 5.0500, 14.2723,
-4.4289

■ 245.6080, 4.6303,
8.2368

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,

0.0000

■ 96.7370, 29.2167,
9.0007

■ 96.7370, 29.2167,
9.0007

■ 84.3550, 35.3210,
11.0897

■ 109.1190, 23.1123,
6.9116

■ 72.5600, 41.1359,
12.6639

■ 120.9140, 17.2974,
5.3374

■ 60.1780, 47.2402,
14.7529

■ 133.2960, 11.1931,
3.2484

■ 48.3830, 53.0552,
16.3271

■ 145.0910, 5.3781,
1.6742

■ 36.0010, 59.1595,
18.4161

■ 157.4730, -0.7262,
-0.4148

■ 34.2290, 60.0331,
18.2162

■ 169.8550, -6.8305,
-2.5038

■ 181.6500,
-12.6454, -4.0780

■ 194.0320,
-18.7498, -6.1671

■ 206.1260,
-24.7121, -7.1265

Harmonies

Analogous

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



75.8460, 46.9109, -66.5169



96.7370, 29.2167, 9.0007



95.1840, 14.6993, 45.4426

Triad

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



96.7370, 29.2167, 9.0007



90.5620, -35.7731, 40.7261



77.4860, 12.5784, -67.9552

Complementary

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



96.7370, 29.2167, 9.0007



139.2630, -29.2167, -9.0007

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.



71.7520, -4.3147, -62.9265



96.7370, 29.2167, 9.0007



87.3880, -42.0963, 15.4457

Square

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



96.7370, 29.2167, 9.0007



91.0970, -20.2608, 58.6739



83.8490, -28.0266, -17.4076



81.1170, 29.0293, -71.1396

Rectangle

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



96.7370, 29.2167, 9.0007



92.1120, 3.8888, 59.5378



83.8490, -28.0266, -17.4076



75.8900, 6.4632, -66.5555

Sweetspot

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



96.7370, 29.2167, 9.0007



179.8230, 11.9193, 3.6632



117.4270, 19.0165, -32.8235



87.8460, 6.9779, 1.8891



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



96.7370, 29.2167, 9.0007



112.0100, 45.3511, 14.0232



108.0990, 23.6152, 32.3622



72.8090, 3.0522, 1.0445



31.5510, 54.9444, 17.0568



3.2050, 5.8149, 1.5742

Inverse Universe

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



108.3100, 10.2002, 41.8241



129.9460, 15.8026, 64.9454



127.9010, -23.6152, -32.3622



73.9620, 1.0047, 4.4183



53.2450, 19.1062, 78.7151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 96.7370, 29.2167, 9.0007 looks on a white background.

Color Contrast Check

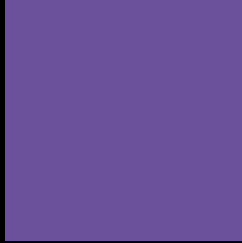
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.7370, 29.2167, 9.0007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

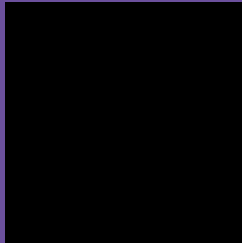
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.7370, 29.2167, 9.0007

Background



This preview shows how black text looks on a background with the YUV color 96.7370, 29.2167, 9.0007.



This preview shows how white text looks on a background with the YUV color 96.7370, 29.2167,

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

96.7370, 29.2167, 9.0007

Protanopia

90.6830, 37.6243, -27.7860

Deuteranopia

90.8480, 30.6409, -27.9307



Tritanopia

94.8090, 3.0522, 1.0445

Trichromacy



Original Color

96.7370, 29.2167, 9.0007

Protanomaly

92.9620, 34.5287, -14.8757

Deuteranomaly

93.1100, 30.0188, -15.0055

Tritanomaly

95.3500, 12.6455, 4.0781

Monochromacy



Original Color

96.7370, 29.2167, 9.0007

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0680, 10.3195, 3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7370, 29.2167, 9.0007 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(107, 80, 156)` looks like.

```
.text, #text, p{  
    color:rgb(107, 80, 156)  
}
```

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(107, 80, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 80, 156) }
```

Border

The CSS property to change the border of an element to YUV 96.7370, 29.2167, 9.0007 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(107, 80, 156) }
```


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

```
.border{ border-color:rgb(107, 80, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 80, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 80, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 80, 156);  
box-shadow:4px 4px 4px 4px rgb(107, 80,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 96.7370, 29.2167, 9.0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 80, 156) }
```

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

```
.background{ background-color: rgb(107, 80,  
156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor