

Converting Colors

YUV(90.7690, 27.7219, 68.6086)

Have a look what the booklet for
YUV(90.7690, 27.7219, 68.6086)
contains.

YUV(90.7690, 27.7219, 68.6086)	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(90.7690, 27.7219,
68.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	A92893
RGB	169, 40, 147
RGB Percent	66%, 16%, 58%
CMY	0.3373, 0.8431, 0.4235
CMYK	0.00, 0.76, 0.13, 0.34
HSL	310°, 62%, 41%
HSV	310°, 76%, 66%
XYZ	22.3874, 12.0592, 28.7515
YIQ	90.7690, 42.5370, 60.6250

Conversions

Conversions Part 2

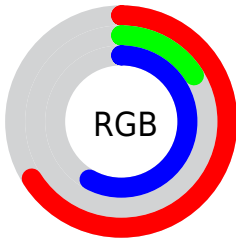
Format	Color
R _{YB}	169, 40, 147
Decimal	11085971
CIE _{Lab}	41.31, 61.76, -29.50
CIE _{LCh}	41, 68.445, 334.468
Yxy	12.0592, 0.3542, 0.1908
Android (android.graphics.Color)	4289276051 (0xFFA92893)
YUV	90.7690, 27.7219, 68.6086
Hunter-Lab	34.7263, 54.3046, -24.7804

Details

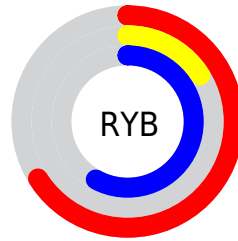
The YUV color **90.7690, 27.7219, 68.6086** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **118.2310, -27.7219, -68.6086**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9000, 25.6853, 68.4937**, and **44.7310, 25.2756, 59.8719** is the 20% darker color. If you saturate the color by 10%, you get **80.4480, 31.3311, 77.6601**, and if you desaturate by 10%, it is **101.0900, 24.1126, 59.5571**.

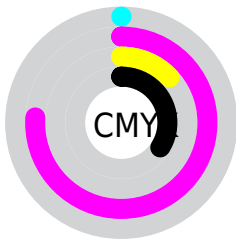
Distribution



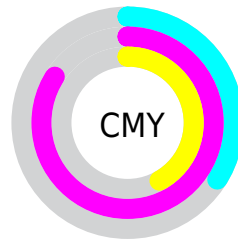
- Red (66%)
- Green (16%)
- Blue (58%)



- Red (66%)
- Yellow (16%)
- Blue (58%)



- Cyan (0%)
- Magenta (76%)
- Yellow (13%)
- Black (34%)



- Cyan (34%)
- Magenta (84%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7690, 27.7219, 68.6086 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 90.7690, 27.7219, 68.6086 by changing the saturation by 10% instead.

90.7690, 27.7219,
68.6086

90.7690, 27.7219,
68.6086

255.0000, 0.0000,
0.0000

55.9530, 32.0682,
74.5862

148.9000, 25.6853,
68.4937

44.7310, 25.2756,
59.8719

177.0140, 26.1221,
68.3937

33.6230, 18.9199,
45.0576

196.3000, 28.9391,
51.4799

23.8250, 12.4113,
32.6025

213.3230, 20.5468,
36.5507

12.6460, 7.0765,
16.9735

230.3460, 12.1544,
21.6216

0.0000, 0.0000,
0.0000

247.3690, 3.7621,

6.6924

■ 90.7690, 27.7219,
68.6086

■ 90.7690, 27.7219,
68.6086

■ 80.4480, 31.3311,
77.6601

■ 101.0900, 24.1126,
59.5571

■ 70.1270, 34.9404,
86.7116

■ 111.4110, 20.5034,
50.5056

■ 66.4910, 36.2399,
89.9004

■ 121.7320, 16.8941,
41.4540

■ 132.0530, 13.2849,
32.4025

■ 141.6730, 9.5282,
23.9658

■ 151.9940, 5.9190,
14.9143

■ 162.3150, 2.3097,
5.8627

■ 172.6360, -1.2995,
-3.1888

■ 182.9570, -4.9088,
-12.2403

Harmonies

Analogous

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



98.3570, 45.6730, 4.0719



90.7690, 27.7219, 68.6086



68.1950, 11.7359, 109.4540

Triad

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



90.7690, 27.7219, 68.6086



91.0140, -44.8699, 18.4047



89.2670, 34.8714, -78.2872

Complementary

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



90.7690, 27.7219, 68.6086



118.2310, -27.7219, -68.6086

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.



82.9970, 10.8475, -72.7884



90.7690, 27.7219, 68.6086



80.1070, -39.4928, -26.4038

Square

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



90.7690, 27.7219, 68.6086



90.6690, -44.6998, 57.2953



74.3960, -14.4922, -65.2453



90.8920, 53.7902, -79.7123

Rectangle

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



90.7690, 27.7219, 68.6086



78.6410, -11.6550, 98.5388



74.3960, -14.4922, -65.2453



87.3290, 27.4458, -76.5875

Sweetspot

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



90.7690, 27.7219, 68.6086



188.7380, 10.9752, 26.5398



60.9850, 53.2514, 0.0132



91.1190, 6.3503, 16.5586



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



90.7690, 27.7219, 68.6086



97.1370, 43.3165, 106.8739



83.4730, -0.2332, 75.0072



79.1900, 1.8783, 4.2184



58.2740, 31.9099, 78.6897



7.9180, 4.4774, 10.5959

Inverse Universe

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



90.7690, 27.7219, 68.6086



97.1370, 43.3165, 106.8739



125.5270, 0.2332, -75.0072



79.1900, 1.8783, 4.2184



58.2740, 31.9099, 78.6897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 90.7690, 27.7219, 68.6086 looks on a white background.

Color Contrast Check

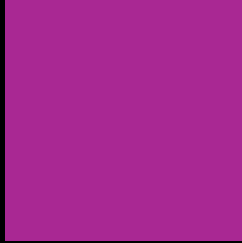
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.7690, 27.7219, 68.6086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

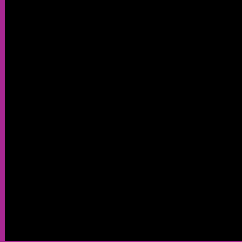
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7690, 27.7219, 68.6086

Background



This preview shows how black text looks on a background with the YUV color 90.7690, 27.7219, 68.6086.



This preview shows how white text looks on a background with the YUV color 90.7690, 27.7219,

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

90.7690, 27.7219, 68.6086

Protanopia

88.6450, 51.9400, -46.1697

Deuteranopia

97.9010, 20.2618, -12.1912



Tritanopia

95.8610, -12.2565, 58.0039

Trichromacy



Original Color

90.7690, 27.7219, 68.6086

Protanomaly

89.3190, 43.2267, -4.6648

Deuteranomaly

95.1850, 23.0798, 17.3778

Tritanomaly

94.0800, 2.4256, 62.1968

Monochromacy



Original Color

90.7690, 27.7219, 68.6086

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.4990, 10.1070, 24.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7690, 27.7219, 68.6086 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(169, 40, 147)` looks like.

```
.text, #text, p{  
    color:rgb(169, 40, 147)  
}
```

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(169, 40, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 40, 147) }
```

Border

The CSS property to change the border of an element to YUV 90.7690, 27.7219, 68.6086 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(169, 40, 147) }
```


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

```
.border{ border-color:rgb(169, 40, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 40, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 40, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 40, 147);  
box-shadow:4px 4px 4px 4px rgb(169, 40,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 90.7690, 27.7219, 68.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 40, 147) }
```

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

```
.background{ background-color: rgb(169, 40,  
147) }
```

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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