

Converting Colors

YUV(108.2720, 27.9669,
36.5955)

Have a look what the booklet for
YUV(108.2720, 27.9669, 36.5955)
contains.

YUV(108.2720, 27.9669, 36.5955)	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(108.2720, 27.9669,
36.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	964CA5
RGB	150, 76, 165
RGB Percent	59%, 30%, 65%
CMY	0.4118, 0.7020, 0.3529
CMYK	0.09, 0.54, 0.00, 0.35
HSL	290°, 37%, 47%
HSV	290°, 54%, 65%
XYZ	21.9536, 14.3695, 37.2138
YIQ	108.2720, 15.5350, 43.3670

Conversions

Conversions Part 2

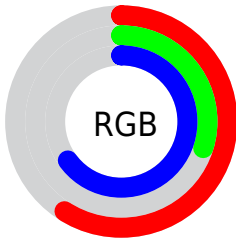
Format	Color
RYB	150, 76, 165
Decimal	9850021
CIELab	44.76, 44.89, -35.08
CIELCh	45, 56.970, 321.995
Yxy	14.3695, 0.2985, 0.1954
Android (android.graphics.Color)	4288040101 (0xFF964CA5)
YUV	108.2720, 27.9669, 36.5955
Hunter-Lab	37.9072, 37.0394, -31.6706

Details

The YUV color **108.2720, 27.9669, 36.5955** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **132.7280, -27.9669, -36.5955**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8100, 28.6877, 38.7546**, and **55.9730, 28.1143, 35.9807** is the 20% darker color. If you saturate the color by 10%, you get **97.3960, 33.3288, 43.5027**, and if you desaturate by 10%, it is **118.5610, 22.8944, 30.2030**.

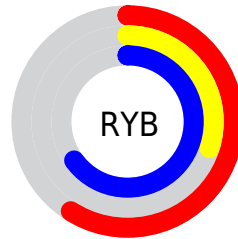
Distribution



Red (59%)

Green (30%)

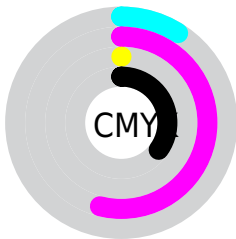
Blue (65%)



Red (59%)

Yellow (30%)

Blue (65%)

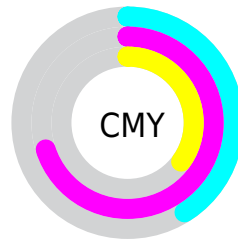


Cyan (9%)

Magenta (54%)

Yellow (0%)

Black (35%)



Cyan (41%)


Magenta (70%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.2720, 27.9669, 36.5955 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 108.2720, 27.9669, 36.5955 by changing the saturation by 10% instead.


 108.2720, 27.9669,
36.5955


 108.2720, 27.9669,
36.5955


255.0000, 0.0000,
0.0000


 82.4460, 27.3881,
35.5659


 161.8100, 28.6877,
38.7546


 55.9730, 28.1143,
35.9807


 189.6360, 29.2665,
39.7842


 31.2610, 27.9723,
34.8511


 212.1490, 21.1255,
37.5803

 21.0500, 21.1744,
21.8811

 229.1720, 12.7332,
22.6512

 10.6540, 14.9606,
8.1964

 245.6080, 4.6303,
8.2368

 2.7530, 8.0098,
-2.4144

 0.0000, 0.0000,

0.0000

■ 108.2720, 27.9669,
36.5955

■ 108.2720, 27.9669,
36.5955

■ 97.3960, 33.3288,
43.5027

■ 118.5610, 22.8944,
30.2030

■ 87.1070, 38.4012,
49.8952

■ 129.4370, 17.5326,
23.2958

■ 77.1170, 43.3263,
56.9024

■ 139.4270, 12.6075,
16.2885

■ 66.2410, 48.6882,
63.8096

■ 150.3030, 7.2456,
9.3813

■ 59.7730, 51.8769,
67.7281

■ 160.5920, 2.1731,
2.9888

■ 171.4680, -3.1887,
-3.9184

■ 181.4580, -8.1138,
-10.9257

■ 192.3340,
-13.4757, -17.8329

■ 202.6230,
-18.5481, -24.2254

Harmonies

Analogous

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



103.3660, 45.1756, -23.1230



108.2720, 27.9669, 36.5955



101.6820, 9.5238, 72.1929

Triad

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



108.2720, 27.9669, 36.5955



99.3750, -48.9919, 33.8741



90.5090, 24.3991, -79.3764

Complementary

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



108.2720, 27.9669, 36.5955



132.7280, -27.9669, -36.5955

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.



84.9230, 2.9960, -74.4775



108.2720, 27.9669, 36.5955



95.0240, -46.8468, -0.8980

Square

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



108.2720, 27.9669, 36.5955



100.9220, -34.9645, 61.4584



83.0940, -19.7663, -53.5794



93.3080, 42.7392, -81.8311

Rectangle

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



108.2720, 27.9669, 36.5955



99.2410, -5.0488, 79.5956



83.0940, -19.7663, -53.5794



88.6850, 17.4103, -77.7767

Sweetspot

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



108.2720, 27.9669, 36.5955



192.2480, 10.7237, 13.8145



95.5380, 34.2448, -17.1348



94.3630, 6.2300, 8.4516



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



108.2720, 27.9669, 36.5955



125.5300, 43.6157, 57.4172



109.5650, 13.5255, 48.6165



76.1190, 2.8993, 3.4036



52.7090, 45.4995, 59.8912



6.5370, 5.6513, 7.4221

Inverse Universe

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



104.3210, -6.5673, 53.2155



119.1830, -10.4432, 83.1545



131.4350, -13.5255, -48.6165



75.9190, -0.4531, 5.3330



46.0910, -10.8909, 86.7432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 108.2720, 27.9669, 36.5955 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 108.2720, 27.9669, 36.5955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

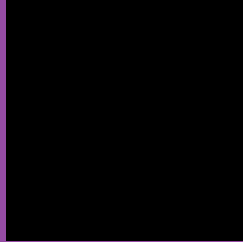
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.2720, 27.9669, 36.5955

Background



This preview shows how black text looks on a background with the YUV color 108.2720, 27.9669, 36.5955.



This preview shows how white text looks on a background with the YUV color 108.2720, 27.9669,

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

108.2720, 27.9669, 36.5955

Protanopia

102.1430, 43.3135, -32.5744

Deuteranopia

104.9800, 27.1249, -20.1535



Tritanopia

108.1500, -4.0180, 28.8094

Trichromacy



Original Color

108.2720, 27.9669, 36.5955

Protanomaly

104.5160, 37.7066, -7.4685

Deuteranomaly

106.2260, 27.4966, 0.6788

Tritanomaly

108.2610, 7.7593, 31.3431

Monochromacy



Original Color

108.2720, 27.9669, 36.5955

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8350, 10.4343, 13.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.2720, 27.9669, 36.5955 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(150, 76, 165)` looks like.

```
.text, #text, p{  
    color:rgb(150, 76, 165)  
}
```

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(150, 76, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 76, 165) }
```

Border

The CSS property to change the border of an element to YUV 108.2720, 27.9669, 36.5955 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(150, 76, 165) }
```


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

```
.border{ border-color:rgb(150, 76, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 76, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 76, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 76, 165); box-shadow:4px 4px 4px 4px rgb(150, 76, 165) }
```

Background

The CSS property to change the background color of an element to YUV 108.2720, 27.9669, 36.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 76, 165) }
```

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

```
.background{ background-color: rgb(150, 76,  
165) }
```

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