

Converting Colors

YUV(108.2700, 27.4749, 7.6562)

Have a look what the booklet for
YUV(108.2700, 27.4749, 7.6562)
contains.

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Color

**YUV(108.2700, 27.4749,
7.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	755DA4
RGB	117, 93, 164
RGB Percent	46%, 36%, 64%
CMY	0.5412, 0.6353, 0.3569
CMYK	0.29, 0.43, 0.00, 0.36
HSL	260°, 28%, 50%
HSV	260°, 43%, 64%
XYZ	17.9513, 14.2909, 36.9342
YIQ	108.2700, -8.4870, 27.1690

Conversions

Conversions Part 2

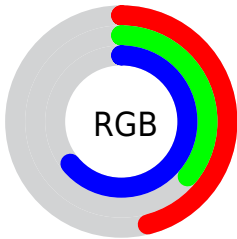
Format	Color
R_{YB}	117, 93, 164
Decimal	7691684
CIE _{Lab}	44.65, 25.46, -34.92
CIE _{LCh}	45, 43.216, 306.099
Yxy	14.2909, 0.2595, 0.2066
Android (android.graphics.Color)	4285881764 (0xFF755DA4)
YUV	108.2700, 27.4749, 7.6562
Hunter-Lab	37.8034, 18.6066, -31.4645

Details

The YUV color **108.2700, 27.4749, 7.6562** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **148.7300, -27.4749, -7.6562**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6230, 28.7799, 9.1006**, and **59.5040, 25.8805, 5.6970** is the 20% darker color. If you saturate the color by 10%, you get **95.5890, 33.7266, 9.1304**, and if you desaturate by 10%, it is **120.9510, 21.2232, 6.1820**.

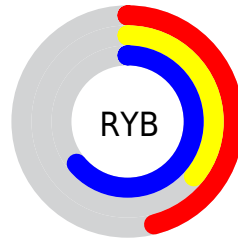
Distribution



Red (46%)

Green (36%)

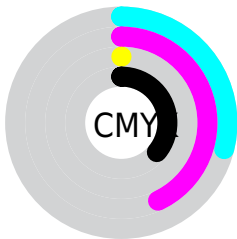
Blue (64%)



Red (46%)

Yellow (36%)

Blue (64%)

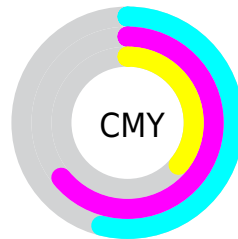


Cyan (29%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.2700, 27.4749, 7.6562 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 108.2700, 27.4749, 7.6562 by changing the saturation by 10% instead.

■ 108.2700, 27.4749,
7.6562

■ 108.2700, 27.4749,
7.6562

■ 255.0000, 0.0000,
0.0000

■ 83.3300, 26.4593,
6.7266

■ 160.6230, 28.7799,
9.1006

■ 59.5040, 25.8805,
5.6970

■ 187.5630, 29.7954,
10.0302

■ 36.8520, 24.7230,
3.6378

■ 213.1690, 20.6227,
12.1298

■ 13.1400, 24.5810,
2.5082

■ 237.9770, 8.3923,
14.9292

■ 5.2610, 17.6193,
-4.6139

■ 254.4130, 0.2894,
0.5148

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 108.2700, 27.4749,
7.6562

■ 108.2700, 27.4749,
7.6562

■ 95.5890, 33.7266,
9.1304

■ 120.9510, 21.2232,
6.1820

■ 82.3210, 40.2677,
11.1195

■ 134.2190, 14.6820,
4.1929

■ 69.6400, 46.5195,
12.5937

■ 146.9000, 8.4303,
2.7187

■ 56.6710, 52.9132,
15.1975

■ 159.8690, 2.0366,
0.1149

■ 43.9900, 59.1649,
16.6718

■ 172.5500, -4.2151,
-1.3593

■ 35.1410, 63.5275,
17.4163

■ 185.2310,
-10.4669, -2.8336

■ 198.4990,
-17.0080, -4.8226

■ 211.1800,
-23.2597, -6.2969

■ 224.4480,
-29.8009, -8.2859

Harmonies

Analogous

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



96.4420, 39.7151, -45.1146



108.2700, 27.4749, 7.6562



108.1080, 13.2578, 41.1243

Triad

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



108.2700, 27.4749, 7.6562



103.1750, -32.1313, 39.3115



84.9690, 13.3263, -74.5178

Complementary

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



108.2700, 27.4749, 7.6562



148.7300, -27.4749, -7.6562

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.



84.0620, -4.4676, -60.5674



108.2700, 27.4749, 7.6562



100.6960, -35.8391, 15.1756

Square

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



108.2700, 27.4749, 7.6562



103.7160, -19.0870, 55.5001



97.0280, -26.1428, -14.9336



88.3720, 28.9036, -77.5022

Rectangle

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



108.2700, 27.4749, 7.6562



105.8510, 3.0315, 54.5047



97.0280, -26.1428, -14.9336



83.6010, 8.0847, -73.3181

Sweetspot

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



108.2700, 27.4749, 7.6562



192.1820, 10.7563, 3.3484



128.6830, 17.4113, -31.2940



93.7320, 6.5411, 1.9890



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.



108.2700, 27.4749, 7.6562



126.7170, 43.0305, 11.6492



118.7350, 22.3156, 29.1734



74.9230, 3.4890, 0.9445



31.1810, 56.1128, 15.6273



3.8460, 6.9779, 1.8891

Inverse Universe

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



119.5870, 10.0636, 38.9502



144.6250, 15.9609, 60.8419



138.2650, -22.3156, -29.1734



76.3750, 1.2941, 4.9331



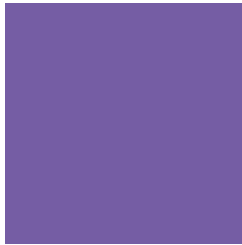
54.2990, 20.5586, 79.5448



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 108.2700, 27.4749, 7.6562 looks on a white background.

Color Contrast Check

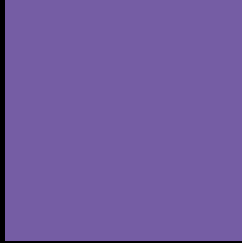
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.2700, 27.4749, 7.6562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

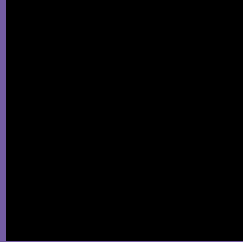
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.2700, 27.4749, 7.6562

Background



This preview shows how black text looks on a background with the YUV color 108.2700, 27.4749, 7.6562.



This preview shows how white text looks on a background with the YUV color 108.2700, 27.4749, 7.6562.

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

108.2700, 27.4749, 7.6562

Protanopia

103.5050, 34.2610, -22.3679

Deuteranopia

103.3110, 28.4407, -22.1977



Tritanopia

105.9230, 3.4890, 0.9445

Trichromacy



Original Color

108.2700, 27.4749, 7.6562

Protanomaly

105.0010, 32.0445, -11.4019

Deuteranomaly

105.2630, 27.9713, -11.6317

Tritanomaly

106.9370, 12.3561, 3.5633

Monochromacy



Original Color

108.2700, 27.4749, 7.6562

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2420, 9.7407, 2.4188

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.2700, 27.4749, 7.6562 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(117, 93, 164)` looks like.

```
.text, #text, p{  
    color:rgb(117, 93, 164)  
}
```

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(117, 93, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 93, 164) }
```

Border

The CSS property to change the border of an element to YUV 108.2700, 27.4749, 7.6562 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(117, 93, 164) }
```


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

```
.border{ border-color:rgb(117, 93, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 93, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 93, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 93, 164); box-shadow:4px 4px 4px 4px rgb(117, 93, 164) }
```

Background

The CSS property to change the background color of an element to YUV 108.2700, 27.4749, 7.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 93, 164) }
```

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

```
.background{ background-color: rgb(117, 93,  
164) }
```

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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