

Converting Colors

YUV(100.7000, 35.1509,
-27.8009)

Have a look what the booklet for
YUV(100.7000, 35.1509, -27.8009)
contains.

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Color

**YUV(100.7000, 35.1509,
-27.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	4567AC
RGB	69, 103, 172
RGB Percent	27%, 40%, 67%
CMY	0.7294, 0.5961, 0.3255
CMYK	0.60, 0.40, 0.00, 0.33
HSL	220°, 43%, 47%
HSV	220°, 60%, 67%
XYZ	14.7509, 13.9443, 40.9438
YIQ	100.7000, -42.4130, 14.2510

Conversions

Conversions Part 2

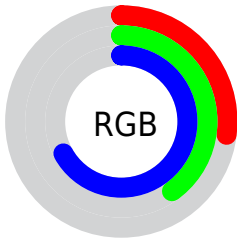
Format	Color
R _Y B	69, 95, 172
Decimal	4548524
CIE Lab	44.15, 9.42, -40.65
CIE LCh	44, 41.722, 283.045
Yxy	13.9443, 0.2118, 0.2002
Android (android.graphics.Color)	4282738604 (0xFF4567AC)
YUV	100.7000, 35.1509, -27.8009
Hunter-Lab	37.3420, 5.1627, -38.8693

Details

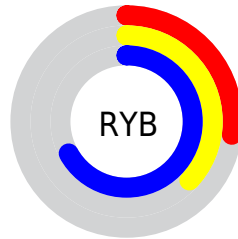
The YUV color **100.7000, 35.1509, -27.8009** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **140.3000, -35.1509, 27.8009**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7650, 36.5979, -25.2269**, and **47.0250, 35.4837, -41.2409** is the 20% darker color. If you saturate the color by 10%, you get **88.5730, 41.1295, -32.0745**, and if you desaturate by 10%, it is **112.8270, 29.1723, -23.5273**.

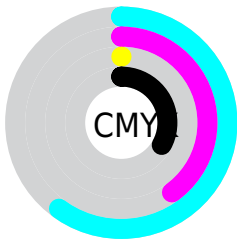
Distribution



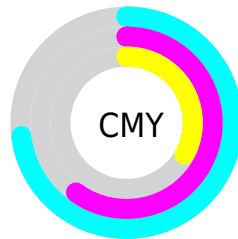
- Red (27%)
- Green (40%)
- Blue (67%)



- Red (27%)
- Yellow (37%)
- Blue (67%)



- Cyan (60%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7000, 35.1509, -27.8009 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 100.7000, 35.1509, -27.8009 by changing the saturation by 10% instead.

■ 100.7000, 35.1509,
-27.8009

■ 100.7000, 35.1509,
-27.8009

■ 255.0000, 0.0000,
0.0000

■ 74.2650, 34.8724,
-31.8044

■ 153.7650, 36.5979,
-25.2269

■ 47.0250, 35.4837,
-41.2409

■ 180.4770, 36.7398,
-24.0973

■ 31.8480, 30.6409,
-27.9307

■ 205.5840, 24.3621,
-20.6832

■ 16.7850, 26.2350,
-14.7204

■ 230.6910, 11.9843,
-17.2690

■ 7.7060, 19.3719,
-6.7582

■ 250.5150, 2.2111,
-9.2217

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 100.7000, 35.1509,
-27.8009

■ 100.7000, 35.1509,
-27.8009

■ 88.5730, 41.1295,
-32.0745

■ 112.8270, 29.1723,
-23.5273

■ 77.0330, 46.8187,
-36.8629

■ 124.3670, 23.4831,
-18.7389

■ 64.6070, 52.9447,
-41.7513

■ 136.7930, 17.3571,
-13.8505

■ 53.0670, 58.6340,
-46.5398

■ 148.3330, 11.6678,
-9.0620

■ 160.4600, 5.6892,
-4.7884

■ 172.0000, 0.0000,
0.0000

■ 184.1270, -5.9786,
4.2736

■ 195.9660,
-11.8152, 9.6768

■ 208.0930,
-17.7938, 13.9504

Harmonies

Analogous

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



86.2980, 41.2651, -75.6833



100.7000, 35.1509, -27.8009



107.5870, 23.3746, 16.1482

Triad

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



100.7000, 35.1509, -27.8009



102.9990, -21.6915, 50.8669



79.9020, 1.5273, -70.0741

Complementary

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



100.7000, 35.1509, -27.8009



140.3000, -35.1509, 27.8009

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.



94.8360, -21.6111, -21.7812



100.7000, 35.1509, -27.8009



101.7290, -32.4044, 33.5637

Square

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



100.7000, 35.1509, -27.8009



103.4570, -6.1413, 56.6042



99.0480, -33.0547, 8.7279



84.5930, 16.9627, -74.1881

Rectangle

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



100.7000, 35.1509, -27.8009



107.0150, 14.2896, 36.8208



99.0480, -33.0547, 8.7279



87.6290, -7.7051, -48.7866

Sweetspot

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



100.7000, 35.1509, -27.8009



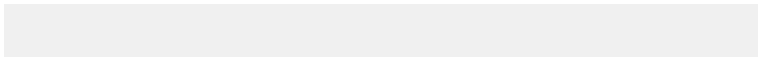
196.1910, 13.7098, -10.6915



137.3270, 0.3318, -59.9228



95.4320, 8.1680, -6.5179



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



100.7000, 35.1509, -27.8009



112.4650, 54.9868, -43.3808



85.8250, 42.4843, 0.1535



80.7870, 3.0630, -2.4442



46.4500, 51.0501, -40.7367



7.3180, 7.7312, -6.4179

Inverse Universe

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



103.6730, -0.3318, 59.9228



117.1810, -0.5822, 93.6803



155.1750, -42.4843, -0.1535



81.0330, -0.0163, 5.2331



50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 100.7000, 35.1509, -27.8009 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 100.7000, 35.1509, -27.8009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

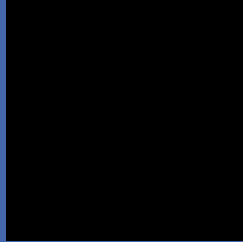
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

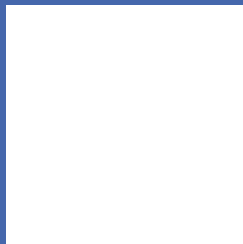
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.7000, 35.1509, -27.8009

Background



This preview shows how black text looks on a background with the YUV color 100.7000, 35.1509, -27.8009.



This preview shows how white text looks on a background with the YUV color 100.7000, 35.1509, -27.8009.

-27.8009.

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

100.7000, 35.1509, -27.8009

Protanopia

102.0920, 33.9716, -22.8827

Deuteranopia

99.1830, 35.8988, -34.3635



Tritanopia

94.4060, 14.0968, -41.5751

Trichromacy



Original Color

100.7000, 35.1509, -27.8009

Protanomaly

101.1950, 34.4139, -24.7270

Deuteranomaly

99.4930, 35.7460, -32.0044

Tritanomaly

96.5020, 21.9375, -36.3973

Monochromacy



Original Color

100.7000, 35.1509, -27.8009

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9630, 12.8362, -10.4916

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7000, 35.1509, -27.8009 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(69, 103, 172)` looks like.

```
.text, #text, p{  
    color:rgb(69, 103, 172)  
}
```

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(69, 103, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 103, 172) }
```

Border

The CSS property to change the border of an element to YUV 100.7000, 35.1509, -27.8009 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(69, 103, 172) }
```


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

```
.border{ border-color:rgb(69, 103, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 103, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 103, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 103, 172);  
box-shadow:4px 4px 4px 4px rgb(69, 103,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 100.7000, 35.1509, -27.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 103, 172) }
```

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

```
.background{ background-color: rgb(69, 103,  
172) }
```

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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