

Converting Colors

YUV(123.3040, 29.4301,
33.9364)

Have a look what the booklet for
YUV(123.3040, 29.4301, 33.9364)
contains.

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Color

**YUV(123.3040, 29.4301,
33.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	A25CB7
RGB	162, 92, 183
RGB Percent	64%, 36%, 72%
CMY	0.3647, 0.6392, 0.2824
CMYK	0.11, 0.50, 0.00, 0.28
HSL	286°, 39%, 54%
HSV	286°, 50%, 72%
XYZ	27.2747, 18.7546, 46.9822
YIQ	123.3040, 12.5090, 43.1410

Conversions

Conversions Part 2

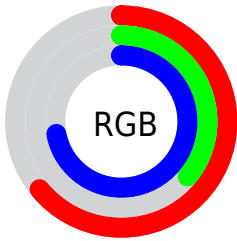
Format	Color
R_{YB}	162, 92, 183
Decimal	10640567
CIE _{Lab}	50.40, 43.59, -36.65
CIE _{LCh}	50, 56.953, 319.945
Yxy	18.7546, 0.2932, 0.2016
Android (android.graphics.Color)	4288830647 (0xFFA25CB7)
YUV	123.3040, 29.4301, 33.9364
Hunter-Lab	43.3065, 36.6337, -34.0077

Details

The YUV color **123.3040, 29.4301, 33.9364** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **151.6960, -29.4301, -33.9364**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2550, 30.4403, 36.6104**, and **71.1790, 28.9988, 32.2920** is the 20% darker color. If you saturate the color by 10%, you get **111.5420, 35.2288, 40.7437**, and if you desaturate by 10%, it is **135.0660, 23.6315, 27.1291**.

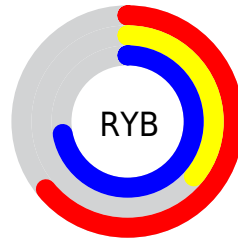
Distribution



Red (64%)

Green (36%)

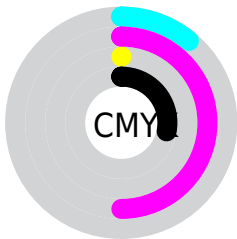
Blue (72%)



Red (64%)

Yellow (36%)

Blue (72%)

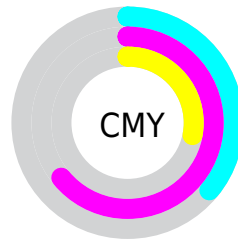


Cyan (11%)

Magenta (50%)

Yellow (0%)

Black (28%)



Cyan (36%)

Magenta (64%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3040, 29.4301, 33.9364 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 123.3040, 29.4301, 33.9364 by changing the saturation by 10% instead.

123.3040, 29.4301,
33.9364

123.3040, 29.4301,
33.9364

255.0000, 0.0000,
0.0000

97.4780, 28.8513,
32.9068

177.2550, 30.4403,
36.6104

71.1790, 28.9988,
32.2920

204.1860, 25.0513,
38.4249

44.0050, 29.5775,
33.3216

222.7150, 15.9165,
28.3139

26.0490, 26.1048,
27.1440

239.1510, 7.8136,
13.8996

17.1480, 19.1540,
16.5332

3.8760, 14.8511,
-3.3993

0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 123.3040, 29.4301,
33.9364

■ 123.3040, 29.4301,
33.9364

■ 111.5420, 35.2288,
40.7437

■ 135.0660, 23.6315,
27.1291

■ 99.1930, 41.3169,
48.0657

■ 147.4150, 17.5434,
19.8070

■ 87.1320, 47.2629,
54.2582

■ 159.4760, 11.5973,
13.6145

■ 75.3700, 53.0616,
61.0655

■ 171.2380, 5.7987,
6.8073

■ 63.6080, 58.8603,
67.8728

■ 183.5870, -0.2894,
-0.5148

■ 63.0210, 59.1496,
68.3876

■ 195.3490, -6.0881,
-7.3221

■ 207.4100,
-12.0341, -13.5146

■ 219.1720,
-17.8328, -20.3218

■ 230.3470,
-23.3421, -26.6143

Harmonies

Analogous

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



116.8000, 46.9336, -27.0116



123.3040, 29.4301, 33.9364



118.0840, 9.8186, 70.9633

Triad

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



123.3040, 29.4301, 33.9364



113.2570, -53.3707, 38.3626



100.6820, 25.2998, -88.2981

Complementary

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



123.3040, 29.4301, 33.9364



151.6960, -29.4301, -33.9364

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.



94.8680, 3.0231, -83.1992



123.3040, 29.4301, 33.9364



109.2480, -49.9153, 3.2905

Square

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



123.3040, 29.4301, 33.9364



116.0580, -34.5386, 64.8471



101.4110, -23.8666, -45.0874



103.7090, 44.5135, -90.9528

Rectangle

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



123.3040, 29.4301, 33.9364



115.6540, -4.7594, 80.1104



101.4110, -23.8666, -45.0874



99.3310, 17.5848, -87.1133

Sweetspot

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



123.3040, 29.4301, 33.9364



214.0630, 11.3079, 13.0997



114.7010, 33.6714, -19.9088



105.5910, 7.1036, 8.2517



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



123.3040, 29.4301, 33.9364



143.7790, 45.9580, 52.8138



126.8470, 15.8514, 49.2462



86.1190, 2.8993, 3.4036



53.6640, 50.4516, 58.1767



9.7700, 8.9874, 10.7257

Inverse Universe

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



121.6030, -4.2413, 53.8452



141.2200, -6.5175, 83.9991



148.1530, -15.8514, -49.2462



85.9190, -0.4531, 5.3330



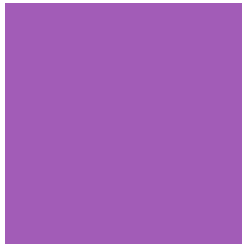
50.7480, -7.2708, 92.3060



9.0560, -1.5066, 16.6139

Previews

White Background



This preview shows how the YUV color 123.3040, 29.4301, 33.9364 looks on a white 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

Black Background



This preview shows how the YUV color 123.3040, 29.4301, 33.9364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

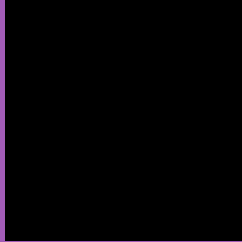
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3040, 29.4301, 33.9364 Background



This preview shows how black text looks on a background with the YUV color 123.3040, 29.4301, 33.9364.



This preview shows how white text looks on a background with the YUV color 123.3040, 29.4301, 33.9364.

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

123.3040, 29.4301, 33.9364

Protanopia

116.6810, 44.0343, -30.4152

Deuteranopia

119.1370, 29.0195, -21.1681



Tritanopia

122.0680, -2.9915, 26.2504

Trichromacy



Original Color

123.3040, 29.4301, 33.9364



Protanomaly

119.1570, 38.8696, -7.1537



Deuteranomaly

120.6710, 29.2492, -1.4655



Tritanomaly

122.4780, 8.6383, 29.3988

Monochromacy



Original Color

123.3040, 29.4301, 33.9364



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

123.2370, 10.7292, 12.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3040, 29.4301, 33.9364 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(162, 92, 183)` looks like.

```
.text, #text, p{  
    color:rgb(162, 92, 183)  
}
```

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(162, 92, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 92, 183) }
```

Border

The CSS property to change the border of an element to YUV 123.3040, 29.4301, 33.9364 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(162, 92, 183) }
```


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

```
.border{ border-color:rgb(162, 92, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 92, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 92, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 92, 183);  
box-shadow:4px 4px 4px 4px rgb(162, 92,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 123.3040, 29.4301, 33.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 92, 183) }
```

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

```
.background{ background-color: rgb(162, 92,  
183) }
```

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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