

Converting Colors

YUV(163.7740, 29.6914,
-3.3098)

Have a look what the booklet for
YUV(163.7740, 29.6914, -3.3098)
contains.

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Color

**YUV(163.7740, 29.6914,
-3.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	A09AE0
RGB	160, 154, 224
RGB Percent	63%, 60%, 88%
CMY	0.3725, 0.3961, 0.1216
CMYK	0.29, 0.31, 0.00, 0.12
HSL	245°, 53%, 74%
HSV	245°, 31%, 88%
XYZ	39.5074, 35.9666, 75.3810
YIQ	163.7740, -18.8940, 23.0420

Conversions

Conversions Part 2

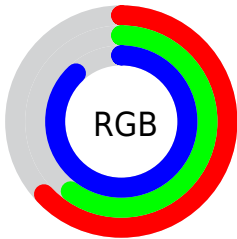
Format	Color
RYB	160, 154, 224
Decimal	10525408
CIELab	66.49, 17.57, -34.70
CIELCh	66, 38.892, 296.858
Yxy	35.9666, 0.2619, 0.2384
Android (android.graphics.Color)	4288715488 (0xFFA09AE0)
YUV	163.7740, 29.6914, -3.3098
Hunter-Lab	59.9722, 12.6376, -32.5430

Details

The YUV color $163.7740, 29.6914, -3.3098$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $214.2260, -29.6914, 3.3098$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $215.7500, 19.3502, 0.2193$, and $111.6060, 27.8022, -4.0395$ is the 20% darker color. If you saturate the color by 10%, you get $144.8800, 39.0062, -4.2798$, and if you desaturate by 10%, it is $182.6680, 20.3767, -2.3398$.

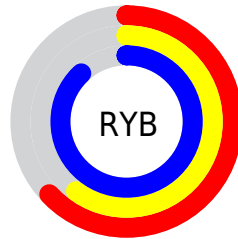
Distribution



Red (63%)

Green (60%)

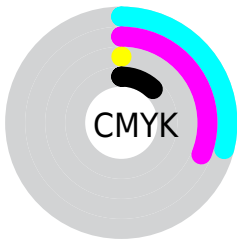
Blue (88%)



Red (63%)

Yellow (60%)

Blue (88%)

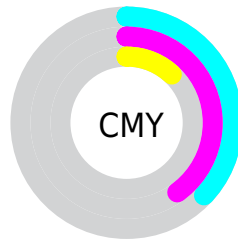


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (37%)

Magenta (40%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7740, 29.6914, -3.3098 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 163.7740, 29.6914, -3.3098 by changing the saturation by 10% instead.

■ 163.7740, 29.6914,
-3.3098

■ 163.7740, 29.6914,
-3.3098

■ 255.0000, 0.0000,
0.0000

■ 137.2470, 28.9652,
-3.7246

■ 215.7500, 19.3502,
0.2193

■ 111.6060, 27.8022,
-4.0395

■ 241.4440, 6.6831,
3.1186

■ 86.7800, 27.2235,
-5.0691

■ 62.5410, 26.3553,
-6.6135

■ 39.5900, 25.3451,
-9.2874

■ 16.4430, 24.9246,
-14.4205

■ 5.6030, 18.9297,

-4.9138

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 163.7740, 29.6914,
-3.3098

■ 163.7740, 29.6914,
-3.3098

■ 144.8800, 39.0062,
-4.2798

■ 182.6680, 20.3767,
-2.3398

■ 125.1000, 48.7577,
-5.3497

■ 202.4480, 10.6251,
-1.2699

■ 106.2060, 58.0724,
-6.3197

■ 221.3420, 1.3104,
-0.2999

■ 86.4260, 67.8240,
-7.3896

■ 241.1220, -8.4411,
0.7700

■ 67.5320, 77.1387,
-8.3596

■ 251.4660,
-13.5407, 3.0993

■ 48.3390, 86.6009,
-9.9443

■ 31.2170, 95.0420,
-10.7143

Harmonies

Analogous

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



154.2740, 37.8259, -45.8443



163.7740, 29.6914, -3.3098



166.5520, 16.4899, 31.0879

Triad

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



163.7740, 29.6914, -3.3098



161.8430, -28.5166, 46.6187



141.1990, 7.7899, -72.0885

Complementary

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



163.7740, 29.6914, -3.3098



214.2260, -29.6914, 3.3098

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.



150.4090, -14.0056, -34.5617



163.7740, 29.6914, -3.3098



159.3320, -33.6877, 25.1418

Square

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



163.7740, 29.6914, -3.3098



163.3510, -15.4560, 57.5742



155.8230, -28.5067, -3.3528



127.5480, 31.7748, -111.8596

Rectangle

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



163.7740, 29.6914, -3.3098



166.0180, 6.4001, 47.3422



155.8230, -28.5067, -3.3528



144.9250, 0.0370, -58.6932

Sweetspot

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



163.7740, 29.6914, -3.3098



235.2200, 9.7515, -1.0699



199.5480, 12.0548, -39.9456



115.3080, 6.2572, -0.2701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



163.7740, 29.6914, -3.3098



171.4500, 41.1902, -4.7796



174.2390, 24.5322, 18.2074



102.5530, 4.6574, -0.4850



24.5490, 74.6653, -8.3745



6.6680, 20.3767, -2.3398

Inverse Universe

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



182.2260, 17.6366, 36.6358



197.1490, 24.5765, 50.7353



203.7610, -24.5322, -18.2074



105.4290, 2.7465, 5.7628



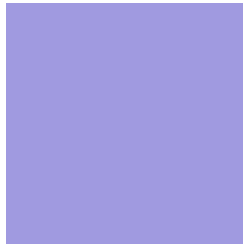
70.9780, 44.3808, 92.1043



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 163.7740, 29.6914, -3.3098 looks on a white background.

Color Contrast Check

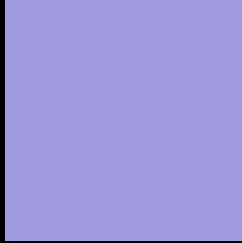
Large Text (above 18pt) WCAG AA × Fail

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 163.7740, 29.6914, -3.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

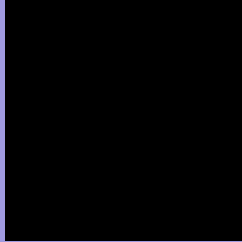
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.7740, 29.6914, -3.3098

Background



This preview shows how black text looks on a background with the YUV color 163.7740, 29.6914, -3.3098.



This preview shows how white text looks on a background with the YUV color 163.7740, 29.6914, -3.3098.

-3.3098.

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

163.7740, 29.6914, -3.3098

Protanopia

161.1850, 32.9398, -18.5792

Deuteranopia

161.8000, 30.1716, -17.3646



Tritanopia

160.5950, 7.5947, -9.2918

Trichromacy



Original Color

163.7740, 29.6914, -3.3098

Protanomaly

161.9900, 32.0499, -13.1462

Deuteranomaly

162.7190, 29.7185, -12.0316

Tritanomaly

161.9680, 15.2988, -6.9879

Monochromacy



Original Color

163.7740, 29.6914, -3.3098

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8610, 10.9145, -0.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7740, 29.6914, -3.3098 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(160, 154, 224)` looks like.

```
.text, #text, p{  
    color:rgb(160, 154, 224)  
}
```

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(160, 154, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 154, 224) }
```

Border

The CSS property to change the border of an element to YUV 163.7740, 29.6914, -3.3098 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(160, 154, 224) }
```


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

```
.border{ border-color:rgb(160, 154, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 154, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 154, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 154, 224);  
box-shadow:4px 4px 4px 4px rgb(160, 154,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 163.7740, 29.6914, -3.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 154, 224) }
```

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

```
.background{ background-color: rgb(160,  
154, 224) }
```

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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