

Converting Colors

YUV(166.7240, 29.2231,
53.7391)

Have a look what the booklet for
YUV(166.7240, 29.2231, 53.7391)
contains.

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Color

**YUV(166.7240, 29.2231,
53.7391)**

Conversions

Conversions Part 1

Format	Color
Hex	E47CE2
RGB	228, 124, 226
RGB Percent	89%, 49%, 89%
CMY	0.1059, 0.5137, 0.1137
CMYK	0.00, 0.46, 0.01, 0.11
HSL	301°, 66%, 69%
HSV	301°, 46%, 89%
XYZ	52.9300, 36.4003, 76.1877
YIQ	166.7240, 29.2420, 53.7700

Conversions

Conversions Part 2

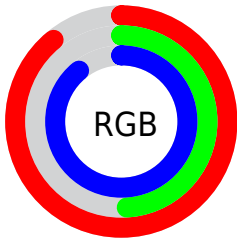
Format	Color
R _{YB}	228, 124, 226
Decimal	14974178
CIE _{Lab}	66.82, 54.36, -34.76
CIE _{LCh}	67, 64.521, 327.406
Yxy	36.4003, 0.3198, 0.2199
Android (android.graphics.Color)	4293164258 (0xFFE47CE2)
YUV	166.7240, 29.2231, 53.7391
Hunter-Lab	60.3326, 51.0165, -32.6383

Details

The YUV color **166.7240, 29.2231, 53.7391** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **185.2760, -29.2231, -53.7391**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3880, 21.9937, 39.1247**, and **111.3000, 28.9391, 51.4799** is the 20% darker color. If you saturate the color by 10%, you get **153.2230, 35.8791, 65.5794**, and if you desaturate by 10%, it is **180.2250, 22.5671, 41.8987**.

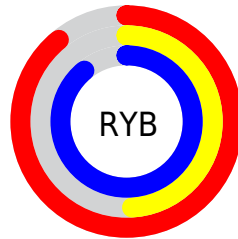
Distribution



Red (89%)

Green (49%)

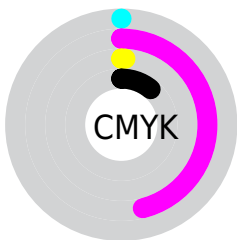
Blue (89%)



Red (89%)

Yellow (49%)

Blue (89%)

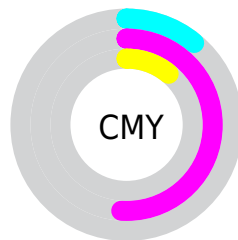


Cyan (0%)

Magenta (46%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (51%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.7240, 29.2231, 53.7391 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 166.7240, 29.2231, 53.7391 by changing the saturation by 10% instead.


 166.7240, 29.2231,
53.7391


 166.7240, 29.2231,
53.7391


255.0000, 0.0000,
0.0000


 139.0120, 29.0811,
52.6095


 210.3880, 21.9937,
39.1247


 111.3000, 28.9391,
51.4799


 227.4110, 13.6014,
24.1956

 83.5280, 29.8127,
51.2799

 244.4340, 5.2090,
9.2664

 50.1850, 33.4328,
56.8428

 36.8000, 27.2136,
44.9024

 26.2900, 20.5630,
31.3177

 16.9050, 14.3438,

19.3773

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 166.7240, 29.2231,
53.7391

■ 166.7240, 29.2231,
53.7391

■ 153.2230, 35.8791,
65.5794

■ 180.2250, 22.5671,
41.8987

■ 139.6080, 42.0983,
77.5198

■ 193.8400, 16.3479,
29.9583

■ 126.6940, 48.4649,
88.8454

■ 206.7540, 9.9813,
18.6327

■ 113.0790, 54.6841,
100.7857

■ 220.3690, 3.7621,
6.6924

■ 99.5780, 61.3400,
112.6261

■ 233.8700, -2.8939,
-5.1480

■ 93.7080, 64.2340,
117.7741

■ 243.9630, -7.3768,
-13.9996

■ 244.0770, -6.9400,
-14.0995

Harmonies

Analogous

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



162.5790, 45.5636, -7.5238



166.7240, 29.2231, 53.7391



159.0210, 5.4126, 84.1736

Triad

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



166.7240, 29.2231, 53.7391



155.2970, -60.7854, 36.5735



135.9260, 38.4905, -119.2071

Complementary

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



166.7240, 29.2231, 53.7391



185.2760, -29.2231, -53.7391

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.



129.2000, 12.7194, -113.3084



166.7240, 29.2231, 53.7391



150.1710, -49.8773, -8.9200

Square

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



166.7240, 29.2231, 53.7391



158.3010, -46.4904, 71.6500



136.0980, -19.2753, -71.1229



137.0780, 58.1355, -120.2174

Rectangle

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



166.7240, 29.2231, 53.7391



155.1620, -11.9119, 87.5579



136.0980, -19.2753, -71.1229



133.8740, 30.6281, -117.4075

Sweetspot

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



166.7240, 29.2231, 53.7391



233.7540, 9.9813, 18.6327



136.4540, 45.1322, -9.1682



114.9720, 5.9298, 11.4256



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.



166.7240, 29.2231, 53.7391



172.4780, 39.2043, 72.3718



160.7960, 6.5096, 58.9379



107.9560, 3.4727, 6.1776



73.4710, 50.0538, 92.5489



20.9490, 14.3221, 26.3547

Inverse Universe

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



166.7240, 29.2231, 53.7391



172.4780, 39.2043, 72.3718



191.2040, -6.5096, -58.9379



107.9560, 3.4727, 6.1776



73.4710, 50.0538, 92.5489



20.9490, 14.3221, 26.3547

Previews

White Background



This preview shows how the YUV color 166.7240, 29.2231, 53.7391 looks on a white background.

Color Contrast Check

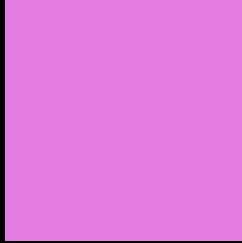
Large Text (above 18pt) WCAG AA × Fail

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 166.7240, 29.2231, 53.7391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

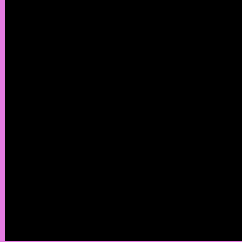
Any Text WCAG AA ✓ Pass

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 166.7240, 29.2231, 53.7391 Background



This preview shows how black text looks on a background with the YUV color 166.7240, 29.2231, 53.7391.



This preview shows how white text looks on a background with the YUV color 166.7240, 29.2231, 53.7391.

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

166.7240, 29.2231, 53.7391

Protanopia

161.2620, 46.2128, -29.1708

Deuteranopia

163.4260, 27.3980, -14.4056



Tritanopia

165.5760, -6.6930, 46.8528

Trichromacy



Original Color

166.7240, 29.2231, 53.7391



Protanomaly

163.1410, 39.8635, 0.7533



Deuteranomaly

164.8080, 28.1957, 9.8154



Tritanomaly

166.0290, 6.3947, 49.0866

Monochromacy



Original Color

166.7240, 29.2231, 53.7391



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.5800, 10.5601, 19.6623

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7240, 29.2231, 53.7391 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(228, 124, 226)` looks like.

```
.text, #text, p{  
    color:rgb(228, 124, 226)  
}
```

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(228, 124, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 124, 226) }
```

Border

The CSS property to change the border of an element to YUV 166.7240, 29.2231, 53.7391 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(228, 124, 226) }
```


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

```
.border{ border-color:rgb(228, 124, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 124, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 124, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 124, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 124,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 166.7240, 29.2231, 53.7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 124, 226) }
```

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

```
.background{ background-color: rgb(228,  
124, 226) }
```

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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