

# Converting Colors

YUV(150.2400, 43.2657,  
29.6075)

Have a look what the booklet for  
YUV(150.2400, 43.2657, 29.6075)  
contains.

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# Color

**YUV(150.2400, 43.2657,  
29.6075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B874EE
RGB	184, 116, 238
RGB Percent	72%, 45%, 93%
CMY	0.2784, 0.5451, 0.0667
CMYK	0.23, 0.51, 0.00, 0.07
HSL	273°, 78%, 69%
HSV	273°, 51%, 93%
XYZ	41.4452, 28.8542, 84.2739
YIQ	150.2400, 1.3660, 52.3580

# Conversions

## Conversions Part 2

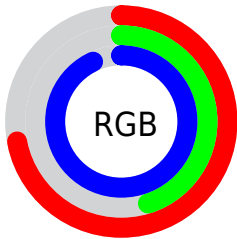
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 116, 238
Decimal	12088558
CIE <sub>Lab</sub>	60.65, 48.75, -51.47
CIE <sub>LCh</sub>	61, 70.894, 313.448
Y <sub>xy</sub>	28.8542, 0.2681, 0.1867
Android (android.graphics.Color)	4290278638 (0xFFB874EE)
YUV	150.2400, 43.2657, 29.6075
Hunter-Lab	53.7161, 43.7203, -55.4175

# Details

The YUV color  $150.2400, 43.2657, 29.6075$  is a light color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $203.7600, -43.2657, -29.6075$ , and the grayscale version is  $150.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $201.2180, 26.5145, 35.7658$ , and  $96.4740, 41.6713, 27.6483$  is the 20% darker color. If you saturate the color by 10%, you get  $132.8630, 51.8325, 35.2001$ , and if you desaturate by 10%, it is  $167.6170, 34.6988, 24.0149$ .

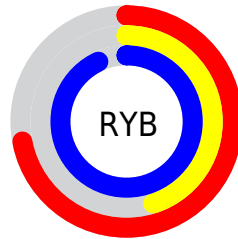
# Distribution



Red (72%)

Green (45%)

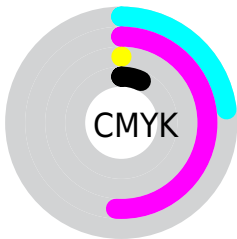
Blue (93%)



Red (72%)

Yellow (45%)

Blue (93%)

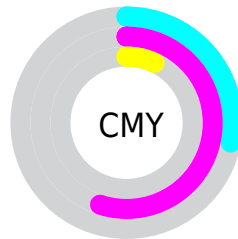


Cyan (23%)

Magenta (51%)

Yellow (0%)

Black (7%)



Cyan (28%)

Magenta (55%)


Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 150.2400, 43.2657, 29.6075 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 150.2400, 43.2657, 29.6075 by changing the saturation by 10% instead.





 150.2400, 43.2657,  
29.6075


 150.2400, 43.2657,  
29.6075


255.0000, 0.0000,  
0.0000

 123.3000, 42.2501,  
28.6779


 201.2180, 26.5145,  
35.7658


 96.4740, 41.6713,  
27.6483


 221.5410, 16.4953,  
29.3435

 70.3490, 41.2399,  
26.0039

 237.9770, 8.3923,  
14.9292

 41.7020, 42.5449,  
27.4483

 25.0830, 37.9201,  
17.4672

 14.7580, 30.6853,  
4.5972

 6.0420, 23.1503,

-5.2988

■ 4.7080, 12.9620,  
-4.1289

■ 0.2280, 0.8736,  
-0.2000

■ 150.2400, 43.2657,  
29.6075

■ 150.2400, 43.2657,  
29.6075

■ 132.8630, 51.8325,  
35.2001

■ 167.6170, 34.6988,  
24.0149

■ 115.7850, 60.2520,  
41.4076

■ 184.6950, 26.2794,  
17.8075

■ 98.9950, 68.5295,  
46.4854

■ 201.4850, 18.0019,  
12.7297

■ 81.9170, 76.9489,  
52.6928

■ 218.5630, 9.5824,  
6.5222

■ 66.8990, 84.3528,  
57.9706

■ 235.9400, 1.0156,  
0.9296

■ 250.6700, -6.2463,  
-3.2186

■ 253.0620, -7.4256,  
1.6996

# Harmonies

## Analogous

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



128.8470, 62.1934, -68.2718



150.2400, 43.2657, 29.6075



143.8050, 19.8161, 84.3630

# Triad

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



150.2400, 43.2657, 29.6075



137.5940, -67.8338, 57.3611



122.5610, 25.3594, -107.4860

# Complementary

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



150.2400, 43.2657, 29.6075



203.7600, -43.2657, -29.6075

# 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.



113.8630, -2.8905, -99.8579



150.2400, 43.2657, 29.6075



133.7750, -65.9511, 13.3523

# Square

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



150.2400, 43.2657, 29.6075



139.8870, -38.3983, 89.5531



124.9970, -39.4385, -43.8474



127.2980, 51.1251, -111.6403



# Rectangle

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



150.2400, 43.2657, 29.6075



138.8060, 1.5746, 101.9021



124.9970, -39.4385, -43.8474



120.0530, 15.7499, -105.2865

# Sweetspot

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



150.2400, 43.2657, 29.6075



227.6110, 13.5028, 9.1112



162.1930, 37.3729, -40.5113



111.2100, 8.2775, 5.0778



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.



150.2400, 43.2657, 29.6075



141.3240, 56.0423, 38.3039



165.7020, 32.6849, 63.4053



111.4610, 4.2097, 3.1037



51.4740, 65.3353, 44.3113



15.6530, 19.8911, 13.4593



# Inverse Universe

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



158.6340, 5.6034, 69.6040



152.2220, 7.2856, 90.1363



188.2980, -32.6849, -63.4053



112.1580, 0.4151, 6.8774



64.2500, 8.2577, 105.0208

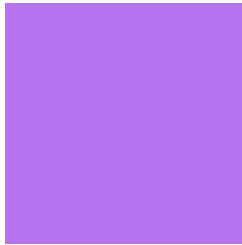


19.5940, 2.6652, 31.9281



# Previews

## White Background



This preview shows how the YUV color 150.2400, 43.2657, 29.6075 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

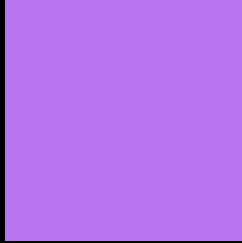
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 150.2400, 43.2657, 29.6075 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

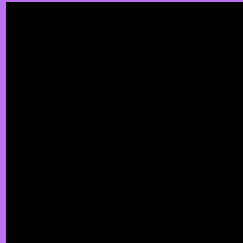
Any Text WCAG AA ✓ Pass

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 150.2400, 43.2657, 29.6075 Background



This preview shows how black text looks on a background with the YUV color 150.2400, 43.2657, 29.6075.



This preview shows how white text looks on a background with the YUV color 150.2400, 43.2657,



# 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

150.2400, 43.2657, 29.6075

### Protanopia

141.7150, 55.8495, -40.0921

### Deuteranopia

142.3380, 44.2034, -38.0074



## Tritanopia

148.5230, 0.2352, 17.9583

# Trichromacy



## Original Color

150.2400, 43.2657, 29.6075



## Protanomaly

144.7290, 51.4056, -14.6713



## Deuteranomaly

145.3780, 43.6906, -13.4865



## Tritanomaly

148.9700, 15.7908, 21.9513

# Monochromacy



## Original Color

150.2400, 43.2657, 29.6075



## Achromatopsia

150.0000, 0.0000, 0.0000



## Achromatomaly

150.1920, 15.6813, 10.3556

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.2400, 43.2657, 29.6075 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(184, 116, 238)` looks like.

```
.text, #text, p{  
    color:rgb(184, 116, 238)  
}
```

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(184, 116, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 116, 238) }
```

## Border

The CSS property to change the border of an element to YUV 150.2400, 43.2657, 29.6075 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(184, 116, 238) }
```



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

```
.border{ border-color:rgb(184, 116, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 116, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 116, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 116, 238);  
box-shadow:4px 4px 4px 4px rgb(184, 116,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 150.2400, 43.2657, 29.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 116, 238) }
```

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

```
.background{ background-color: rgb(184,  
116, 238) }
```

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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