

Converting Colors

YUV(149.0310, 27.0997,
81.5338)

Have a look what the booklet for
YUV(149.0310, 27.0997, 81.5338)
contains.

YUV(149.0310, 27.0997, 81.5338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(149.0310, 27.0997,
81.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	F25BCC
RGB	242, 91, 204
RGB Percent	95%, 36%, 80%
CMY	0.0510, 0.6431, 0.2000
CMYK	0.00, 0.62, 0.16, 0.05
HSL	315°, 85%, 65%
HSV	315°, 62%, 95%
XYZ	51.2581, 30.7190, 60.3545
YIQ	149.0310, 53.7230, 67.1550

Conversions

Conversions Part 2

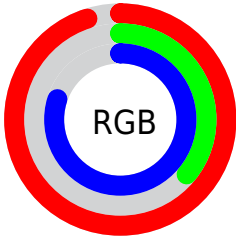
Format	Color
R _Y B	242, 91, 204
Decimal	15883212
CIE Lab	62.27, 69.62, -29.34
CIE LCh	62, 75.546, 337.144
Yxy	30.7190, 0.3601, 0.2158
Android (android.graphics.Color)	4294073292 (0xFFFF25BCC)
YUV	149.0310, 27.0997, 81.5338
Hunter-Lab	55.4248, 68.0876, -25.7662

Details

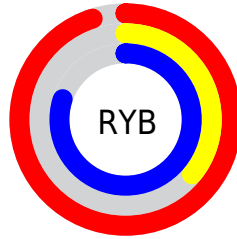
The YUV color **149.0310, 27.0997, 81.5338** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **183.9690, -27.0997, -81.5338**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.7780, 30.6754, 54.5687**, and **83.2580, 32.9038, 86.5967** is the 20% darker color. If you saturate the color by 10%, you get **134.2590, 31.4243, 94.4889**, and if you desaturate by 10%, it is **163.8030, 22.7751, 68.5788**.

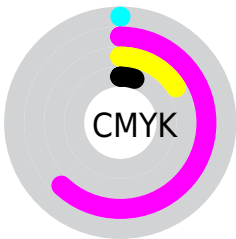
Distribution



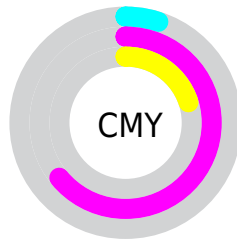
- Red (95%)
- Green (36%)
- Blue (80%)



- Red (95%)
- Yellow (36%)
- Blue (80%)



- Cyan (0%)
- Magenta (62%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0310, 27.0997, 81.5338 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 149.0310, 27.0997, 81.5338 by changing the saturation by 10% instead.

149.0310, 27.0997,
81.5338

149.0310, 27.0997,
81.5338

255.0000, 0.0000,
0.0000

118.6720, 28.2627,
81.8487

192.7780, 30.6754,
54.5687

83.2580, 32.9038,
86.5967

209.8010, 22.2831,
39.6395

59.7690, 31.1729,
81.7636

226.8240, 13.8908,
24.7104

48.5470, 24.3803,
67.0493

244.4340, 5.2090,
9.2664

37.4390, 18.0246,
52.2350

26.7440, 11.9582,
37.9355

15.8640, 6.4760,

22.9213

■ 0.0000, 0.0000,
0.0000

■ 149.0310, 27.0997,
81.5338

■ 149.0310, 27.0997,
81.5338

■ 134.2590, 31.4243,
94.4889

■ 163.8030, 22.7751,
68.5788

■ 119.4870, 35.7489,
107.4439

■ 178.5750, 18.4505,
55.6237

■ 104.1280, 40.3629,
120.9137

■ 193.9340, 13.8365,
42.1539

■ 92.9920, 43.3879,
130.6800

■ 208.7060, 9.5119,
29.1988

■ 223.4780, 5.1873,
16.2438

238.3640, 1.2995,
3.1888

250.2010, -1.5781,
-7.1923

250.8850, 1.0427,
-7.7921

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



153.5740, 50.0030, 15.2826



149.0310, 27.0997, 81.5338



135.8880, 0.5482, 104.4612

Triad

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



149.0310, 27.0997, 81.5338



139.4450, -68.7464, 23.2887



131.2930, 48.6626, -115.1440

Complementary

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



149.0310, 27.0997, 81.5338



183.9690, -27.0997, -81.5338

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.



125.0570, 19.6919, -109.6750



149.0310, 27.0997, 81.5338



129.8170, -53.1538, -31.4115

Square

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



149.0310, 27.0997, 81.5338



141.2150, -69.6190, 69.9714



114.7290, -9.7264, -100.6173



129.4470, 61.8976, -113.5250

Rectangle

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



149.0310, 27.0997, 81.5338



137.4430, -21.4174, 103.0975



114.7290, -9.7264, -100.6173



129.6000, 39.6372, -113.6592

Sweetspot

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



149.0310, 27.0997, 81.5338



225.4560, 8.6492, 25.9101



119.5760, 60.3550, 8.2648



109.4780, 5.1873, 16.2438



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.



149.0310, 27.0997, 81.5338



137.4110, 34.3074, 103.1256



140.4810, -5.6601, 89.0322



112.6140, 2.1623, 6.4775



70.6340, 32.7184, 99.4220



21.5320, 10.0907, 30.2284

Inverse Universe

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



149.0310, 27.0997, 81.5338



137.4110, 34.3074, 103.1256



192.5190, 5.6601, -89.0322



112.6140, 2.1623, 6.4775



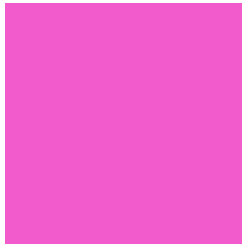
70.6340, 32.7184, 99.4220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 149.0310, 27.0997, 81.5338 looks on a white background.

Color Contrast Check

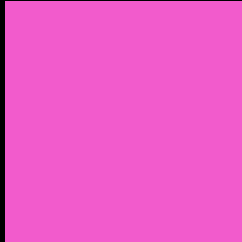
Large Text (above 18pt) WCAG AA × Fail

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 149.0310, 27.0997, 81.5338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

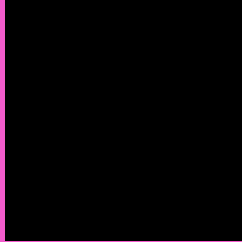
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.0310, 27.0997, 81.5338

Background



This preview shows how black text looks on a background with the YUV color 149.0310, 27.0997, 81.5338.



This preview shows how white text looks on a background with the YUV color 149.0310, 27.0997, 81.5338.

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

149.0310, 27.0997, 81.5338

Protanopia

147.9670, 50.3023, -34.1741

Deuteranopia

151.5640, 21.4139, -8.3876



Tritanopia

150.0910, -14.3419, 73.5882

Trichromacy



Original Color

149.0310, 27.0997, 81.5338



Protanomaly

148.0540, 41.8784, 7.8456



Deuteranomaly

150.3430, 23.4949, 24.2552



Tritanomaly

149.7120, 0.6350, 76.5516

Monochromacy



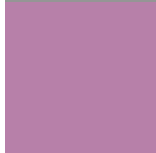
Original Color

149.0310, 27.0997, 81.5338



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1190, 9.8013, 29.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0310, 27.0997, 81.5338 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(242, 91, 204)` looks like.

```
.text, #text, p{  
    color:rgb(242, 91, 204)  
}
```

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(242, 91, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 91, 204) }
```

Border

The CSS property to change the border of an element to YUV 149.0310, 27.0997, 81.5338 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(242, 91, 204) }
```


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

```
.border{ border-color:rgb(242, 91, 204) }
```

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

Here you see how a box with a 4 pixel rgb(242, 91, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 91, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 91, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 91,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 149.0310, 27.0997, 81.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 91, 204) }
```

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

```
.background{ background-color: rgb(242, 91,  
204) }
```

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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