

Converting Colors

YUV(149.0920, 37.9156,
65.6943)

Have a look what the booklet for
YUV(149.0920, 37.9156, 65.6943)
contains.

YUV(149.0920, 37.9156, 65.6943)	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(149.0920, 37.9156,
65.6943)**

Conversions

Conversions Part 1

Format	Color
Hex	E060E2
RGB	224, 96, 226
RGB Percent	88%, 38%, 89%
CMY	0.1216, 0.6235, 0.1137
CMYK	0.01, 0.58, 0.00, 0.11
HSL	299°, 69%, 63%
HSV	299°, 58%, 89%
XYZ	48.6508, 29.7040, 75.1208
YIQ	149.0920, 34.5580, 67.5660

Conversions

Conversions Part 2

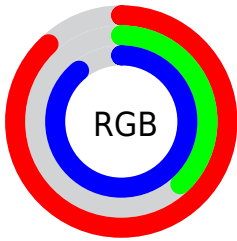
Format	Color
R _Y B	224, 96, 226
Decimal	14704866
CIE Lab	61.40, 66.35, -43.28
CIE LCh	61, 79.219, 326.885
Yxy	29.7040, 0.3170, 0.1935
Android (android.graphics.Color)	4292894946 (0xFFE060E2)
YUV	149.0920, 37.9156, 65.6943
Hunter-Lab	54.5014, 63.9610, -43.5701

Details

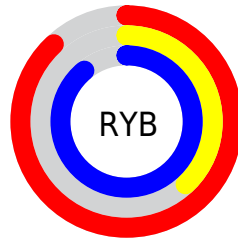
The YUV color **149.0920, 37.9156, 65.6943** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **172.9080, -37.9156, -65.6943**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1260, 29.5179, 52.5095**, and **88.9720, 39.9468, 67.5536** is the 20% darker color. If you saturate the color by 10%, you get **135.5910, 44.5716, 77.5347**, and if you desaturate by 10%, it is **162.5930, 31.2597, 53.8539**.

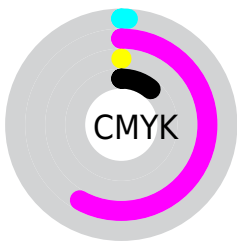
Distribution



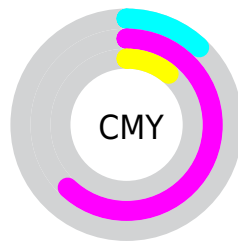
- Red (88%)
- Green (38%)
- Blue (89%)



- Red (88%)
- Yellow (38%)
- Blue (89%)



- Cyan (1%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (62%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.0920, 37.9156, 65.6943 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 149.0920, 37.9156, 65.6943 by changing the saturation by 10% instead.


 149.0920, 37.9156,
65.6943


 149.0920, 37.9156,
65.6943


255.0000, 0.0000,
0.0000


 120.2060, 38.3524,
65.5943


 195.1260, 29.5179,
52.5095


 88.9720, 39.9468,
67.5536


 211.5620, 21.4149,
38.0951


 57.2650, 42.2674,
69.9276

 228.5850, 13.0226,
23.1660

 45.9290, 35.0380,
55.3133

 246.1950, 4.3409,
7.7220

 35.0060, 28.0980,
41.2137

 24.7950, 21.3001,
28.2438

 13.0890, 15.2391,

12.1999

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 149.0920, 37.9156,
65.6943

■ 149.0920, 37.9156,
65.6943

■ 135.5910, 44.5716,
77.5347

■ 162.5930, 31.2597,
53.8539

■ 122.3780, 51.0856,
88.2455

■ 175.8060, 24.7456,
43.1431

■ 108.8770, 57.7416,
100.0859

■ 189.3070, 18.0896,
31.3028

■ 95.9630, 64.1082,
111.4114

■ 202.2210, 11.7230,
19.9772

92.4410, 65.8446,
114.5002

216.0210, 4.9196,
8.7516

229.5220, -1.7363,
-3.0888

242.4360, -8.1029,
-14.4144

243.3220, -8.5397,
-14.3144

Harmonies

Analogous

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



144.8150, 54.3212, -16.5008



149.0920, 37.9156, 65.6943



133.1130, 12.7623, 106.8949

Triad

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



149.0920, 37.9156, 65.6943



139.2560, -68.6532, 40.1175



129.0130, 39.9266, -113.1444

Complementary

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



149.0920, 37.9156, 65.6943



172.9080, -37.9156, -65.6943

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.



120.3320, 9.2033, -105.5312



149.0920, 37.9156, 65.6943



130.6640, -64.4174, -11.9833

Square

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



149.0920, 37.9156, 65.6943



138.8330, -60.0637, 85.2155



109.5480, -21.9622, -96.0736



131.2080, 61.0295, -115.0694

Rectangle

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



149.0920, 37.9156, 65.6943



129.5160, -8.6354, 110.0495



109.5480, -21.9622, -96.0736



126.3910, 29.8802, -110.8449

Sweetspot

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



149.0920, 37.9156, 65.6943



229.4600, 12.5912, 21.5216



111.9940, 56.2050, -14.0267



112.4390, 7.6716, 12.7700



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.



149.0920, 37.9156, 65.6943



150.7910, 51.3750, 88.7603



142.5080, 10.1026, 73.2225



105.5430, 3.1833, 5.6628



71.7910, 51.3750, 88.7603



19.8240, 13.8908, 24.7104

Inverse Universe

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



135.0980, -18.2893, 79.7211



131.9660, -24.6332, 107.9008



179.4920, -10.1026, -73.2225



104.2890, -1.6215, 6.7625



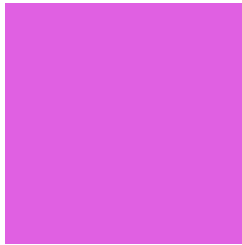
52.9660, -24.6332, 107.9008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 149.0920, 37.9156, 65.6943 looks on a white background.

Color Contrast Check

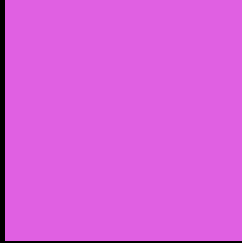
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0920, 37.9156, 65.6943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

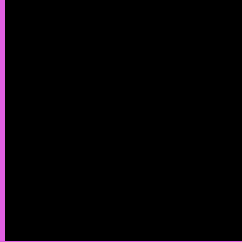
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.0920, 37.9156, 65.6943

Background



This preview shows how black text looks on a background with the YUV color 149.0920, 37.9156, 65.6943.



This preview shows how white text looks on a background with the YUV color 149.0920, 37.9156, 65.6943.

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

149.0920, 37.9156, 65.6943

Protanopia

144.0850, 54.6811, -38.6625

Deuteranopia

146.9070, 34.5558, -23.5974



Tritanopia

149.9360, -9.3354, 54.4301

Trichromacy



Original Color

149.0920, 37.9156, 65.6943



Protanomaly

145.7200, 48.4520, -0.6314



Deuteranomaly

147.4580, 35.7632, 9.2453



Tritanomaly

149.8390, 7.9674, 58.0232

Monochromacy



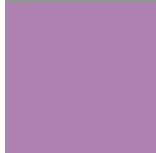
Original Color

149.0920, 37.9156, 65.6943



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1120, 13.7488, 23.5808

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0920, 37.9156, 65.6943 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(224, 96, 226)` looks like.

```
.text, #text, p{  
    color:rgb(224, 96, 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(224, 96, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 96, 226) }
```

Border

The CSS property to change the border of an element to YUV 149.0920, 37.9156, 65.6943 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(224, 96, 226) }
```


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

```
.border{ border-color:rgb(224, 96, 226) }
```

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

Here you see how a box with a 4 pixel rgb(224, 96, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 96, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 96, 226);  
box-shadow:4px 4px 4px 4px rgb(224, 96,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 149.0920, 37.9156, 65.6943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 96, 226) }
```

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

```
.background{ background-color: rgb(224, 96,  
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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