

Converting Colors

YUV(149.2000, 24.0584,
77.0006)

Have a look what the booklet for
YUV(149.2000, 24.0584, 77.0006)
contains.

YUV(149.2000, 24.0584, 77.0006)	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(149.2000, 24.0584,
77.0006)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5FC6
RGB	237, 95, 198
RGB Percent	93%, 37%, 78%
CMY	0.0706, 0.6275, 0.2235
CMYK	0.00, 0.60, 0.16, 0.07
HSL	316°, 80%, 65%
HSV	316°, 60%, 93%
XYZ	49.2103, 30.2662, 56.6744
YIQ	149.2000, 51.5690, 62.1370

Conversions

Conversions Part 2

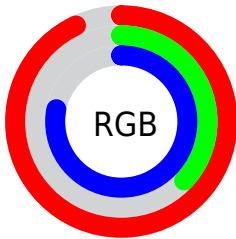
Format	Color
R _Y B	237, 95, 198
Decimal	15556550
CIE Lab	61.88, 65.79, -26.60
CIE LCh	62, 70.962, 337.985
Yxy	30.2662, 0.3614, 0.2223
Android (android.graphics.Color)	4293746630 (0xFFED5FC6)
YUV	149.2000, 24.0584, 77.0006
Hunter-Lab	55.0147, 63.3915, -22.5684

Details

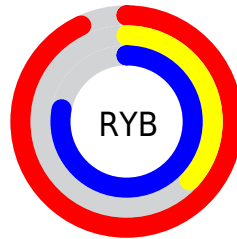
The YUV color **149.2000, 24.0584, 77.0006** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **182.8000, -24.0584, -77.0006**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5390, 29.8073, 53.0243**, and **87.8350, 27.6893, 79.0747** is the 20% darker color. If you saturate the color by 10%, you get **134.3140, 27.9462, 90.0556**, and if you desaturate by 10%, it is **164.0860, 20.1706, 63.9456**.

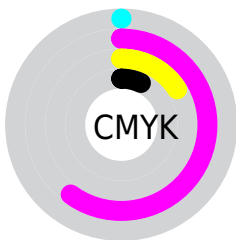
Distribution



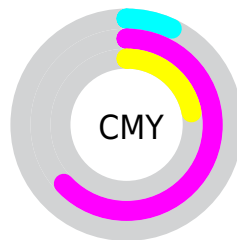
- Red (93%)
- Green (37%)
- Blue (78%)



- Red (93%)
- Yellow (37%)
- Blue (78%)



- Cyan (0%)
- Magenta (60%)
- Yellow (16%)
- Black (7%)




- Cyan (7%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.2000, 24.0584, 77.0006 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 149.2000, 24.0584, 77.0006 by changing the saturation by 10% instead.


 149.2000, 24.0584,
77.0006


 149.2000, 24.0584,
77.0006


255.0000, 0.0000,
0.0000


 119.5420, 25.3688,
76.7007


 194.5390, 29.8073,
53.0243


 87.8350, 27.6893,
79.0747


 211.5620, 21.4149,
38.0951


 58.0030, 29.5785,
79.8044

 228.5850, 13.0226,
23.1660

 46.7810, 22.7860,
65.0901

 246.1950, 4.3409,
7.7220

 35.6730, 16.4302,
50.2758

 25.3910, 10.6532,
36.4911

 14.5110, 5.1711,

21.4769

■ 0.0000, 0.0000,
0.0000

■ 149.2000, 24.0584,
77.0006

■ 149.2000, 24.0584,
77.0006

■ 134.3140, 27.9462,
90.0556

■ 164.0860, 20.1706,
63.9456

■ 120.1290, 31.9814,
102.4959

■ 178.2710, 16.1354,
51.5053

■ 105.2430, 35.8692,
115.5509

■ 193.1570, 12.2476,
38.4503

■ 90.4710, 40.1938,
128.5059

■ 207.9290, 7.9230,
25.4953

■ 222.2280, 4.3246,
12.9550

■ 237.0000, 0.0000,
0.0000

■ 248.3640, -2.1515,
-9.9662

■ 249.0480, 0.4693,
-10.5661

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



153.1890, 47.2348, 16.4972



149.2000, 24.0584, 77.0006



140.3560, -2.6405, 100.5428

Triad

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



149.2000, 24.0584, 77.0006



138.2600, -68.1622, 22.5740



129.6630, 47.4941, -113.7145

Complementary

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



149.2000, 24.0584, 77.0006



182.8000, -24.0584, -77.0006

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.



123.2960, 20.5601, -108.1306



149.2000, 24.0584, 77.0006



130.8370, -46.7546, -30.5520

Square

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



149.2000, 24.0584, 77.0006



142.0170, -62.6194, 64.8831



114.1250, -6.9636, -100.0876



128.2730, 62.4764, -112.4954

Rectangle

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



149.2000, 24.0584, 77.0006



140.9650, -23.1537, 100.0087



114.1250, -6.9636, -100.0876



128.0840, 38.9056, -112.3297

Sweetspot

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



149.2000, 24.0584, 77.0006



226.5160, 7.6336, 24.9805



122.5500, 56.4239, 9.1647



110.0650, 4.8980, 15.7290



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.



149.2000, 24.0584, 77.0006



141.2920, 31.4080, 99.7219



141.2200, -6.5175, 83.9991



110.2010, 1.8729, 5.9627



69.0530, 30.5399, 98.1775



20.5920, 9.0751, 29.2988

Inverse Universe

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



149.2000, 24.0584, 77.0006



141.2920, 31.4080, 99.7219



190.7800, 6.5175, -83.9991



110.2010, 1.8729, 5.9627



69.0530, 30.5399, 98.1775



20.5920, 9.0751, 29.2988

Previews

White Background



This preview shows how the YUV color 149.2000, 24.0584, 77.0006 looks on a white background.

Color Contrast Check

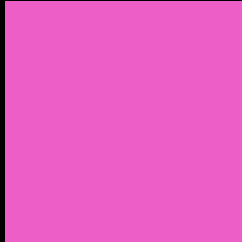
Large Text (above 18pt) WCAG AA × Fail

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 149.2000, 24.0584, 77.0006 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 149.2000, 24.0584, 77.0006

Background



This preview shows how black text looks on a background with the YUV color 149.2000, 24.0584, 77.0006.



This preview shows how white text looks on a background with the YUV color 149.2000, 24.0584,

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

149.2000, 24.0584, 77.0006

Protanopia

147.9200, 44.9024, -28.8708

Deuteranopia

151.0050, 19.2245, -6.1434



Tritanopia

149.5960, -13.6048, 70.5143

Trichromacy



Original Color

149.2000, 24.0584, 77.0006



Protanomaly

148.2130, 37.3630, 9.4602



Deuteranomaly

150.3600, 21.0215, 24.2403



Tritanomaly

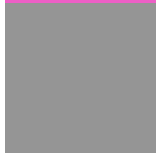
149.5760, 0.2090, 73.1628

Monochromacy



Original Color

149.2000, 24.0584, 77.0006



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.8800, 8.9332, 28.1692

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2000, 24.0584, 77.0006 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(237, 95, 198)` looks like.

```
.text, #text, p{  
    color:rgb(237, 95, 198)  
}
```

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(237, 95, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 95, 198) }
```

Border

The CSS property to change the border of an element to YUV 149.2000, 24.0584, 77.0006 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(237, 95, 198) }
```


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

```
.border{ border-color:rgb(237, 95, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 95, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 95, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 95, 198);  
box-shadow:4px 4px 4px 4px rgb(237, 95,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 149.2000, 24.0584, 77.0006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 95, 198) }
```

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

```
.background{ background-color: rgb(237, 95,  
198) }
```

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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