

Converting Colors

YUV(149.9010, 24.2058,
76.3858)

Have a look what the booklet for
YUV(149.9010, 24.2058, 76.3858)
contains.

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Color

**YUV(149.9010, 24.2058,
76.3858)**

Conversions

Conversions Part 1

Format	Color
Hex	ED60C7
RGB	237, 96, 199
RGB Percent	93%, 38%, 78%
CMY	0.0706, 0.6235, 0.2196
CMYK	0.00, 0.59, 0.16, 0.07
HSL	316°, 80%, 65%
HSV	316°, 59%, 93%
XYZ	49.4167, 30.4938, 57.3142
YIQ	149.9010, 50.9730, 61.9250

Conversions

Conversions Part 2

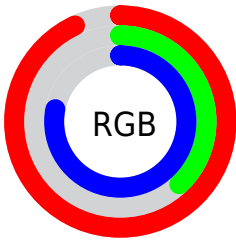
Format	Color
R_{YB}	237, 96, 199
Decimal	15556807
CIE _{Lab}	62.08, 65.51, -26.87
CIE _{LCh}	62, 70.804, 337.700
Yxy	30.4938, 0.3601, 0.2222
Android (android.graphics.Color)	4293746887 (0xFFED60C7)
YUV	149.9010, 24.2058, 76.3858
Hunter-Lab	55.2212, 63.1003, -22.8824

Details

The YUV color **149.9010, 24.2058, 76.3858** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **183.0990, -24.2058, -76.3858**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1260, 29.5179, 52.5095**, and **89.1230, 27.5474, 77.9451** is the 20% darker color. If you saturate the color by 10%, you get **135.1290, 28.5304, 89.3409**, and if you desaturate by 10%, it is **164.6730, 19.8812, 63.4308**.

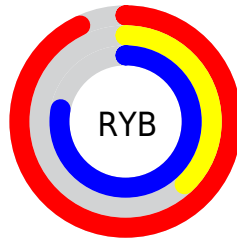
Distribution



Red (93%)

Green (38%)

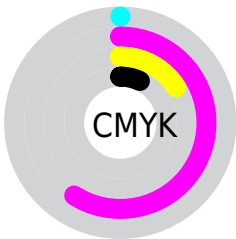
Blue (78%)



Red (93%)

Yellow (38%)

Blue (78%)

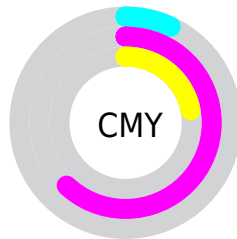


Cyan (0%)

Magenta (59%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (62%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9010, 24.2058, 76.3858 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 149.9010, 24.2058, 76.3858 by changing the saturation by 10% instead.


 149.9010, 24.2058,
76.3858


 149.9010, 24.2058,
76.3858


255.0000, 0.0000,
0.0000


 120.8300, 25.2268,
75.5711


 195.1260, 29.5179,
52.5095


 89.1230, 27.5474,
77.9451


 212.1490, 21.1255,
37.5803


 58.1170, 30.0153,
79.7044

 229.1720, 12.7332,
22.6512

 46.8950, 23.2228,
64.9901

 246.1950, 4.3409,
7.7220

 35.7870, 16.8670,
50.1758

 25.3910, 10.6532,
36.4911

 14.6250, 5.6079,

21.3769

■ 0.0000, 0.0000,
0.0000

■ 149.9010, 24.2058,
76.3858

■ 149.9010, 24.2058,
76.3858

■ 135.1290, 28.5304,
89.3409

■ 164.6730, 19.8812,
63.4308

■ 120.8300, 32.1288,
101.8811

■ 178.9720, 16.2828,
50.8906

■ 106.0580, 36.4534,
114.8361

■ 193.7440, 11.9582,
37.9355

■ 91.1720, 40.3412,
127.8912

■ 208.6300, 8.0704,
24.8805

■ 90.5850, 40.6306,
128.4060

■ 222.8150, 4.0352,
12.4402

■ 237.5870, -0.2894,
-0.5148

■ 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.



153.8900, 47.3822, 15.8825



149.9010, 24.2058, 76.3858



140.4700, -2.2037, 100.4428

Triad

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



149.9010, 24.2058, 76.3858



138.5590, -68.3096, 23.1888



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.



149.9010, 24.2058, 76.3858



183.0990, -24.2058, -76.3858

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.



123.8830, 20.2707, -108.6454



149.9010, 24.2058, 76.3858



131.2500, -46.4652, -30.0373

Square

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



149.9010, 24.2058, 76.3858



142.5440, -61.8932, 65.2979



114.7120, -7.2530, -100.6024



128.2730, 62.4764, -112.4954

Rectangle

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



149.9010, 24.2058, 76.3858



141.7800, -22.5695, 99.2939



114.7120, -7.2530, -100.6024



128.0840, 38.9056, -112.3297

Sweetspot

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



149.9010, 24.2058, 76.3858



226.6300, 8.0704, 24.8805



123.4360, 55.9871, 9.2646



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.



149.9010, 24.2058, 76.3858



143.1670, 30.9767, 98.0775



141.9210, -6.3701, 83.3843



110.2010, 1.8729, 5.9627



69.1670, 30.9767, 98.0775



20.5920, 9.0751, 29.2988

Inverse Universe

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



149.9010, 24.2058, 76.3858



143.1670, 30.9767, 98.0775



191.0790, 6.3701, -83.3843



110.2010, 1.8729, 5.9627



69.1670, 30.9767, 98.0775



20.5920, 9.0751, 29.2988

Previews

White Background



This preview shows how the YUV color 149.9010, 24.2058, 76.3858 looks on a white background.

Color Contrast Check

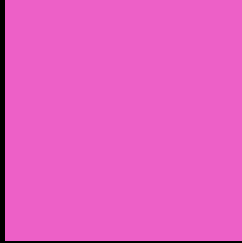
Large Text (above 18pt) WCAG AA × Fail

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 149.9010, 24.2058, 76.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

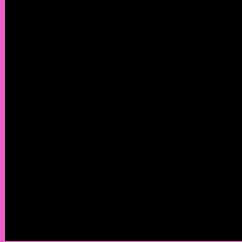
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.9010, 24.2058, 76.3858

Background



This preview shows how black text looks on a background with the YUV color 149.9010, 24.2058, 76.3858.



This preview shows how white text looks on a background with the YUV color 149.9010, 24.2058, 76.3858.

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

149.9010, 24.2058, 76.3858

Protanopia

148.0340, 45.3392, -28.9708

Deuteranopia

151.7060, 19.3719, -6.7582



Tritanopia

149.9980, -13.3100, 69.2848

Trichromacy



Original Color

149.9010, 24.2058, 76.3858



Protanomaly

148.3270, 37.7998, 9.3602



Deuteranomaly

151.0610, 21.1689, 23.6255



Tritanomaly

149.9780, 0.5038, 71.9333

Monochromacy



Original Color

149.9010, 24.2058, 76.3858



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.8800, 8.9332, 28.1692

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9010, 24.2058, 76.3858 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, 96, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 96, 199)  
}
```

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, 96, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 96, 199) }
```

Border

The CSS property to change the border of an element to YUV 149.9010, 24.2058, 76.3858 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, 96, 199) }
```


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

```
.border{ border-color:rgb(237, 96, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 96, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 96, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 96, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 96,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 149.9010, 24.2058, 76.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 96, 199) }
```

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

```
.background{ background-color: rgb(237, 96,  
199) }
```

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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