

Converting Colors

YUV(149.9360, 14.3286,
71.0931)

Have a look what the booklet for
YUV(149.9360, 14.3286, 71.0931)
contains.

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Color

**YUV(149.9360, 14.3286,
71.0931)**

Conversions

Conversions Part 1

Format	Color
Hex	E767B3
RGB	231, 103, 179
RGB Percent	91%, 40%, 70%
CMY	0.0941, 0.5961, 0.2980
CMYK	0.00, 0.55, 0.23, 0.09
HSL	324°, 73%, 65%
HSV	324°, 55%, 91%
XYZ	45.9419, 29.9441, 46.0062
YIQ	149.9360, 51.8920, 50.7720

Conversions

Conversions Part 2

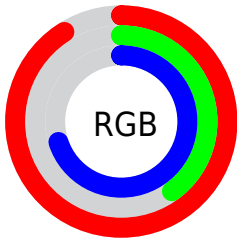
Format	Color
R _Y B	231, 103, 179
Decimal	15165363
CIE Lab	61.61, 57.89, -16.27
CIE LCh	62, 60.134, 344.298
Yxy	29.9441, 0.3769, 0.2457
Android (android.graphics.Color)	4293355443 (0xFFE767B3)
YUV	149.9360, 14.3286, 71.0931
Hunter-Lab	54.7212, 54.1000, -11.5425

Details

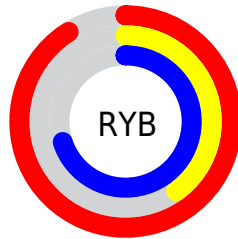
The YUV color **149.9360, 14.3286, 71.0931** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **184.0640, -14.3286, -71.0931**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3680, 19.0456, 51.4203**, and **92.7940, 16.3706, 69.4637** is the 20% darker color. If you saturate the color by 10%, you get **135.4090, 17.0534, 83.8333**, and if you desaturate by 10%, it is **164.4630, 11.6037, 58.3529**.

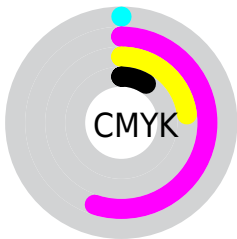
Distribution



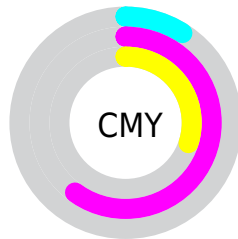
- Red (91%)
- Green (40%)
- Blue (70%)



- Red (91%)
- Yellow (40%)
- Blue (70%)



- Cyan (0%)
- Magenta (55%)
- Yellow (23%)
- Black (9%)



- Cyan (9%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9360, 14.3286, 71.0931 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 149.9360, 14.3286, 71.0931 by changing the saturation by 10% instead.

149.9360, 14.3286,
71.0931

149.9360, 14.3286,
71.0931

255.0000, 0.0000,
0.0000

121.4520, 15.0602,
69.7636

196.3680, 19.0456,
51.4203

92.7940, 16.3706,
69.4637

215.0840, 19.6786,
35.0063

56.3310, 22.0218,
76.8857

232.1070, 11.2862,
20.0772

43.4620, 16.5342,
63.6158

249.1300, 2.8939,
5.1480

32.4680, 10.6153,
48.7016

22.5990, 5.1277,
35.4317

11.0350, -2.9753,

21.0173

■ 0.0000, 0.0000,
0.0000

■ 149.9360, 14.3286,
71.0931

■ 149.9360, 14.3286,
71.0931

■ 135.4090, 17.0534,
83.8333

■ 164.4630, 11.6037,
58.3529

■ 120.7680, 19.3414,
96.6735

■ 179.1040, 9.3157,
45.5128

■ 106.2410, 22.0662,
109.4136

■ 193.6310, 6.5909,
32.7726

■ 91.6000, 24.3542,
122.2538

■ 208.2720, 4.3029,
19.9325

■ 84.6870, 25.7903,
128.3165

■ 223.3860, 1.2887,
6.6775

■ 237.9130, -1.4361,
-6.0627

■ 246.6840, -0.8302,
-13.7549

■ 247.7100, 3.1010,
-14.6547

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



152.9810, 35.9984, 27.2037



149.9360, 14.3286, 71.0931



145.9170, -10.3121, 87.7728

Triad

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



149.9360, 14.3286, 71.0931



139.4940, -52.9945, 10.9678



126.2720, 47.1939, -110.7405

Complementary

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



149.9360, 14.3286, 71.0931



184.0640, -14.3286, -71.0931

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.



121.8600, 25.2120, -106.8712



149.9360, 14.3286, 71.0931



132.4030, -31.7507, -36.3104

Square

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



149.9360, 14.3286, 71.0931



143.7790, -51.6560, 48.4288



114.4160, 1.7669, -100.3428



124.2950, 62.4656, -109.0067

Rectangle

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



149.9360, 14.3286, 71.0931



145.6440, -26.4465, 82.7502



114.4160, 1.7669, -100.3428



125.1490, 40.3525, -109.7557

Sweetspot

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



149.9360, 14.3286, 71.0931



227.7070, 4.5814, 23.9360



132.8410, 48.3924, 18.5564



111.4840, 2.7194, 14.4845



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.



149.9360, 14.3286, 71.0931



148.6320, 18.9154, 93.2847



142.7540, -13.1897, 77.3917



107.3860, 1.2887, 6.6775



65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543

Inverse Universe

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



149.9360, 14.3286, 71.0931



148.6320, 18.9154, 93.2847



191.2460, 13.1897, -77.3917



107.3860, 1.2887, 6.6775



65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 149.9360, 14.3286, 71.0931 looks on a white background.

Color Contrast Check

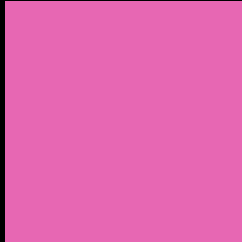
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.9360, 14.3286, 71.0931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

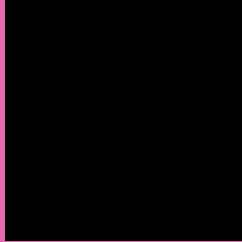
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.9360, 14.3286, 71.0931

Background



This preview shows how black text looks on a background with the YUV color 149.9360, 14.3286, 71.0931.



This preview shows how white text looks on a background with the YUV color 149.9360, 14.3286,

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

149.9360, 14.3286, 71.0931

Protanopia

149.2130, 30.4610, -16.8498

Deuteranopia

150.4700, 10.6143, 2.2188



Tritanopia

149.1010, -12.8678, 67.4404

Trichromacy



Original Color

149.9360, 14.3286, 71.0931



Protanomaly

149.5160, 24.3956, 15.3335



Deuteranomaly

150.3790, 12.1382, 26.8546



Tritanomaly

149.6310, -3.2691, 68.7296

Monochromacy



Original Color

149.9360, 14.3286, 71.0931



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.9460, 5.4496, 25.4804

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9360, 14.3286, 71.0931 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(231, 103, 179)` looks like.

```
.text, #text, p{  
    color:rgb(231, 103, 179)  
}
```

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(231, 103, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 103, 179) }
```

Border

The CSS property to change the border of an element to YUV 149.9360, 14.3286, 71.0931 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(231, 103, 179) }
```


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

```
.border{ border-color:rgb(231, 103, 179) }
```

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

Here you see how a box with a 4 pixel rgb(231, 103, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 103, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 103, 179);  
box-shadow:4px 4px 4px 4px rgb(231, 103,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 149.9360, 14.3286, 71.0931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 103, 179) }
```

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

```
.background{ background-color: rgb(231,  
103, 179) }
```

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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