

Converting Colors

YUV(149.7500, -0.3697,
72.1333)

Have a look what the booklet for
YUV(149.7500, -0.3697, 72.1333)
contains.

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Color

**YUV(149.7500, -0.3697,
72.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	E86C95
RGB	232, 108, 149
RGB Percent	91%, 42%, 58%
CMY	0.0902, 0.5765, 0.4157
CMYK	0.00, 0.53, 0.36, 0.09
HSL	340°, 73%, 67%
HSV	340°, 53%, 91%
XYZ	44.0661, 30.0509, 31.9116
YIQ	149.7500, 60.7430, 39.0390

Conversions

Conversions Part 2

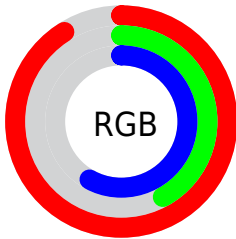
Format	Color
R _Y B	232, 108, 149
Decimal	15232149
CIE Lab	61.70, 52.08, 1.11
CIE LCh	62, 52.090, 1.224
Yxy	30.0509, 0.4156, 0.2834
Android (android.graphics.Color)	4293422229 (0xFFE86C95)
YUV	149.7500, -0.3697, 72.1333
Hunter-Lab	54.8187, 47.5549, 3.8585

Details

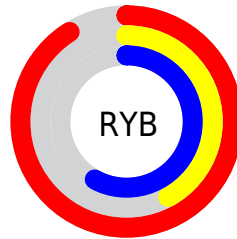
The YUV color **149.7500, -0.3697, 72.1333** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **190.2500, 0.3698, -72.1333**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.0680, 3.9105, 52.5604**, and **94.0100, 1.9671, 69.2742** is the 20% darker color. If you saturate the color by 10%, you get **134.4250, -0.7025, 85.5733**, and if you desaturate by 10%, it is **165.0750, -0.0370, 58.6932**.

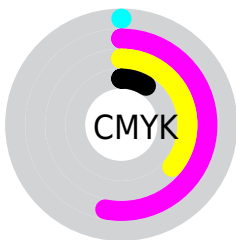
Distribution



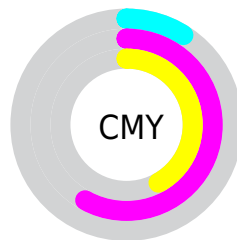
- Red (91%)
- Green (42%)
- Blue (58%)



- Red (91%)
- Yellow (42%)
- Blue (58%)



- Cyan (0%)
- Magenta (53%)
- Yellow (36%)
- Black (9%)



- Cyan (9%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7500, -0.3697, 72.1333 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 149.7500, -0.3697, 72.1333 by changing the saturation by 10% instead.


 149.7500, -0.3697,
72.1333


 149.7500, -0.3697,
72.1333


255.0000, 0.0000,
0.0000


 121.9670, 0.5093,
70.1889


 195.0680, 3.9105,
52.5604


 94.0100, 1.9671,
69.2742


 214.6960, 8.0379,
35.3466


 63.9330, 5.4560,
70.2188

 234.4550, 10.1287,
18.0180

 40.3130, 5.7617,
65.5005

 251.4780, 1.7363,
3.0888

 29.5470, 0.7163,
50.3863

 19.2220, -6.5184,
37.5163

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 149.7500, -0.3697,
72.1333

■ 149.7500, -0.3697,
72.1333

■ 134.4250, -0.7025,
85.5733

■ 165.0750, -0.0370,
58.6932

■ 119.2140, -0.5985,
98.9133

■ 180.2860, -0.1410,
45.3532

■ 103.3020, -0.6419,
112.8681

■ 196.1980, -0.0976,
31.3984

■ 88.0910, -0.5379,
126.2082

■ 211.4090, -0.2016,
18.0583

■ 78.1460, -0.5650,
134.9300

■ 226.7340, 0.1311,
4.6183

■ 241.9450, 0.0271,
-8.7218

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



153.2750, 20.0774, 47.1168



149.7500, -0.3697, 72.1333



147.8430, -21.6146, 72.9287

Triad

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



149.7500, -0.3697, 72.1333



139.1180, -36.0472, -11.5045



122.9610, 52.2772, -107.8368

Complementary

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



149.7500, -0.3697, 72.1333



190.2500, 0.3698, -72.1333

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.



122.7210, 36.1265, -107.6263



149.7500, -0.3697, 72.1333



128.5970, -12.6193, -59.2826

Square

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



149.7500, -0.3697, 72.1333



143.8300, -45.7652, 25.5821



118.0640, 15.7444, -103.5421



133.1320, 53.1789, -70.2758

Rectangle

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



149.7500, -0.3697, 72.1333



147.1610, -34.0964, 63.0028



118.0640, 15.7444, -103.5421



123.6960, 47.4779, -108.4814

Sweetspot

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



149.7500, -0.3697, 72.1333



227.8550, 0.0715, 23.8062



146.9530, 41.9282, 38.6292



111.3870, -0.1908, 14.5696



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.



149.7500, -0.3697, 72.1333



146.8930, -0.4402, 94.8098



157.4030, -24.3557, 65.4216



107.0440, -0.0217, 6.9774



60.2470, -0.6148, 104.1464



17.1870, -0.0922, 29.6540

Inverse Universe

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



149.7500, -0.3697, 72.1333



146.8930, -0.4402, 94.8098



182.5970, 24.3557, -65.4216



107.0440, -0.0217, 6.9774



60.2470, -0.6148, 104.1464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 149.7500, -0.3697, 72.1333 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 149.7500, -0.3697, 72.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

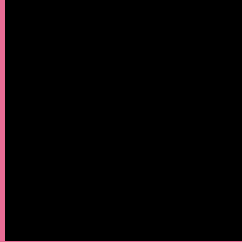
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.7500, -0.3697, 72.1333

Background



This preview shows how black text looks on a background with the YUV color 149.7500, -0.3697, 72.1333.



This preview shows how white text looks on a background with the YUV color 149.7500, -0.3697,

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

149.7500, -0.3697, 72.1333

Protanopia

149.9530, 11.3622, -4.3438

Deuteranopia

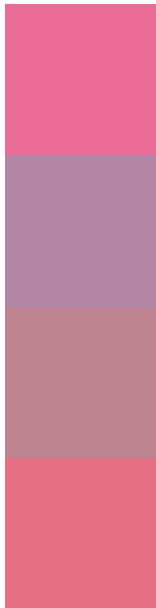
150.4640, -3.6798, 13.6251



Tritanopia

148.8950, -13.7522, 71.1291

Trichromacy



Original Color

149.7500, -0.3697, 72.1333

Protanomaly

149.6900, 7.0548, 23.9509

Deuteranomaly

150.2370, -2.5818, 34.8722

Tritanomaly

149.1600, -8.9529, 71.7737

Monochromacy



Original Color

149.7500, -0.3697, 72.1333

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.1650, -0.0813, 26.1653

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7500, -0.3697, 72.1333 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(232, 108, 149)` looks like.

```
.text, #text, p{  
    color:rgb(232, 108, 149)  
}
```

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(232, 108, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 108, 149) }
```

Border

The CSS property to change the border of an element to YUV 149.7500, -0.3697, 72.1333 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(232, 108, 149) }
```


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

```
.border{ border-color:rgb(232, 108, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 108, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 108, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 108, 149);  
box-shadow:4px 4px 4px 4px rgb(232, 108,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 149.7500, -0.3697, 72.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 108, 149) }
```

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

```
.background{ background-color: rgb(232,  
108, 149) }
```

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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