

# Converting Colors

YUV(146.6400, 3.1355, 67.8447)

Have a look what the booklet for  
YUV(146.6400, 3.1355, 67.8447)  
contains.

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# Color

**YUV(146.6400, 3.1355,  
67.8447)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E06A99
RGB	224, 106, 153
RGB Percent	88%, 42%, 60%
CMY	0.1216, 0.5843, 0.4000
CMYK	0.00, 0.53, 0.32, 0.12
HSL	336°, 66%, 65%
HSV	336°, 53%, 88%
XYZ	41.6443, 28.4553, 33.4345
YIQ	146.6400, 55.2410, 39.6330

# Conversions

## Conversions Part 2

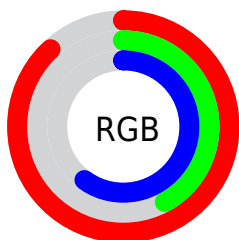
Format	Color
<a href="#">RYB</a>	<a href="#">224, 106, 153</a>
Decimal	<a href="#">14707353</a>
CIELab	<a href="#">60.30, 50.89, -3.38</a>
CIELCh	<a href="#">60, 51.002, 356.198</a>
Yxy	<a href="#">28.4553, 0.4022, 0.2748</a>
Android (android.graphics.Color)	<a href="#">4292897433</a> (0xFFE06A99)
YUV	<a href="#">146.6400, 3.1355, 67.8447</a>
Hunter-Lab	<a href="#">53.3435, 46.0006, 0.1788</a>

# Details

The YUV color **146.6400, 3.1355, 67.8447** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **183.3600, -3.1355, -67.8447**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3500, 6.2365, 53.1901**, and **91.7860, 5.0355, 65.0857** is the 20% darker color. If you saturate the color by 10%, you get **132.2440, 3.8237, 80.4700**, and if you desaturate by 10%, it is **161.0360, 2.4473, 55.2194**.

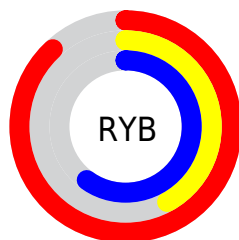
# Distribution



Red (88%)

Green (42%)

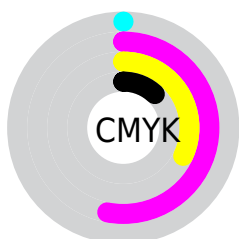
Blue (60%)



Red (88%)

Yellow (42%)

Blue (60%)

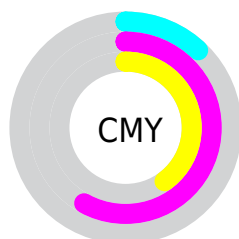


Cyan (0%)

Magenta (53%)

Yellow (32%)

Black (12%)



Cyan (12%)

Magenta (58%)

Yellow (40%)

# Brightness & Saturation

## Gradients

These gradients show how the YUV color 146.6400, 3.1355, 67.8447 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 146.6400, 3.1355, 67.8447 by changing the saturation by 10% instead.




 146.6400, 3.1355,  
67.8447


 146.6400, 3.1355,  
67.8447

255.0000, 0.0000,  
0.0000


 118.8570, 4.0145,  
65.9004


 194.3500, 6.2365,  
53.1901


 91.7860, 5.0355,  
65.0857

 213.9780, 10.3638,  
35.9763


 61.5950, 8.0877,  
66.1302

 233.2810, 10.7075,  
19.0476

 38.8610, 7.9565,  
61.5119


 250.3040, 2.3151,  
4.1184

 28.3940, 2.7638,  
47.0125

 18.7100, -3.3080,  
34.4573


 5.9800, -2.9481,


12.2955


 0.0000, 0.0000,  
0.0000


 146.6400, 3.1355,  
67.8447


 146.6400, 3.1355,  
67.8447


 132.2440, 3.8237,  
80.4700

 161.0360, 2.4473,  
55.2194


 117.1470, 4.3645,  
93.7101


 176.1330, 1.9064,  
41.9794


 102.7510, 5.0528,  
106.3354

 190.5290, 1.2182,  
29.3541


 87.6540, 5.5936,  
119.5754


 205.6260, 0.6774,  
16.1140

 77.1220, 5.8559,  
128.8120

 220.0220, -0.0108,  
3.4887

 234.5320, -0.2623,  
-9.2366

 244.8190, 1.0752,  
-18.2583

 245.7310, 4.5696,  
-19.0581

# Harmonies

## Analogous

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



149.9150, 22.7199, 39.5395



146.6400, 3.1355, 67.8447



144.1680, -17.8308, 72.6437

# Triad

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



146.6400, 3.1355, 67.8447



136.9940, -37.9580, -5.2567



120.0600, 48.7774, -105.2926

# Complementary

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



146.6400, 3.1355, 67.8447



183.3600, -3.1355, -67.8447

# 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.



119.0050, 32.0425, -104.3674



146.6400, 3.1355, 67.8447



128.1100, -17.3092, -48.3315

# Square

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



146.6400, 3.1355, 67.8447



140.9060, -44.3237, 29.9004



113.7610, 11.9498, -99.7684



116.3130, 58.5127, -101.1295



# Rectangle

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



146.6400, 3.1355, 67.8447



143.4970, -30.3180, 64.4621



113.7610, 11.9498, -99.7684



120.6810, 43.5413, -105.8372

# Sweetspot

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



146.6400, 3.1355, 67.8447



228.0830, 0.9451, 23.6062



140.6810, 41.0763, 31.8518



111.6150, 0.6828, 14.3696



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.



146.6400, 3.1355, 67.8447



149.4350, 4.2225, 92.5805



148.3260, -20.8667, 66.3661



104.7450, 0.1257, 6.3626



60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097



# Inverse Universe

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



146.6400, 3.1355, 67.8447



149.4350, 4.2225, 92.5805



181.6740, 20.8667, -66.3661



104.7450, 0.1257, 6.3626



60.6040, 4.6322, 101.2023

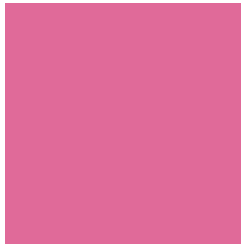


16.5180, 1.2236, 27.6097



# Previews

## White Background



This preview shows how the YUV color 146.6400, 3.1355, 67.8447 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

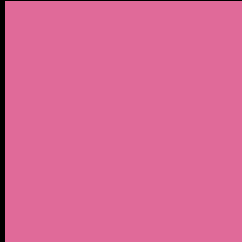
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 146.6400, 3.1355, 67.8447 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 146.6400, 3.1355, 67.8447

## Background



This preview shows how black text looks on a background with the YUV color 146.6400, 3.1355, 67.8447.



This preview shows how white text looks on a background with the YUV color 146.6400, 3.1355,



# 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

146.6400, 3.1355, 67.8447

### Protanopia

146.2670, 15.1514, -6.3732

### Deuteranopia



147.0660, -0.0325, 10.4661




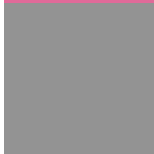
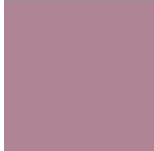
## Tritanopia

145.5030, -12.5730, 66.2109

# Trichromacy

	<b>Original Color</b> 146.6400, 3.1355, 67.8447
	<b>Protanomaly</b> 146.2920, 10.7020, 20.7919
	<b>Deuteranomaly</b> 146.8390, 1.0654, 31.7132
	<b>Tritanomaly</b> 145.9960, -6.9000, 66.6555

# Monochromacy

	<b>Original Color</b> 146.6400, 3.1355, 67.8447
	<b>Achromatopsia</b> 147.0000, 0.0000, 0.0000
	<b>Achromatomaly</b> 146.7950, 1.0871, 24.7358

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.6400, 3.1355, 67.8447 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, 106, 153) looks like.

```
.text, #text, p{  
    color:rgb(224, 106, 153)  
}
```

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, 106, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 106, 153) }
```

## Border

The CSS property to change the border of an element to YUV 146.6400, 3.1355, 67.8447 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, 106, 153) }
```



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

```
.border{ border-color:rgb(224, 106, 153) }
```

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

Here you see how a box with a 4 pixel rgb(224, 106, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 106, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 106, 153);  
box-shadow:4px 4px 4px 4px rgb(224, 106,  
153) }
```

# Background

The CSS property to change the background color of an element to YUV 146.6400, 3.1355, 67.8447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 106, 153) }
```

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

```
.background{ background-color: rgb(224,  
106, 153) }
```

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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