

# Converting Colors

YUV(144.5080, 10.1026,  
73.2225)

Have a look what the booklet for  
YUV(144.5080, 10.1026, 73.2225)  
contains.

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# Color

**YUV(144.5080, 10.1026,  
73.2225)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E462A5
RGB	228, 98, 165
RGB Percent	89%, 38%, 65%
CMY	0.1059, 0.6157, 0.3529
CMYK	0.00, 0.57, 0.28, 0.11
HSL	329°, 71%, 64%
HSV	329°, 57%, 89%
XYZ	43.1541, 27.9460, 38.7169
YIQ	144.5080, 55.9730, 48.3970

# Conversions

## Conversions Part 2

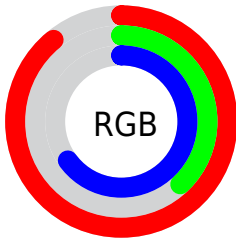
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 98, 165
Decimal	14967461
CIE Lab	59.84, 57.40, -10.93
CIE LCh	60, 58.431, 349.216
Yxy	27.9460, 0.3930, 0.2545
Android (android.graphics.Color)	4293157541 (0xFFE462A5)
YUV	144.5080, 10.1026, 73.2225
Hunter-Lab	52.8639, 53.2020, -6.4186

# Details

The YUV color **144.5080, 10.1026, 73.2225** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **181.4920, -10.1026, -73.2225**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7230, 13.9406, 55.4939**, and **86.8930, 12.8708, 72.0078** is the 20% darker color. If you saturate the color by 10%, you get **129.7530, 11.9538, 86.1626**, and if you desaturate by 10%, it is **159.2630, 8.2513, 60.2823**.

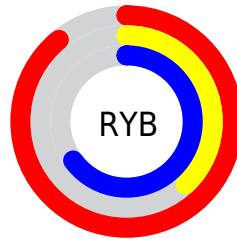
# Distribution



Red (89%)

Green (38%)

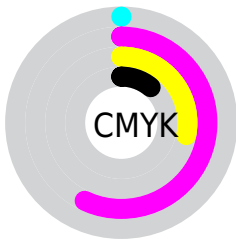
Blue (65%)



Red (89%)

Yellow (38%)

Blue (65%)

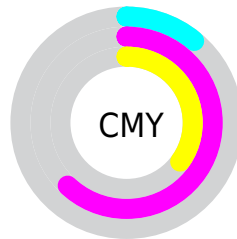


Cyan (0%)

Magenta (57%)

Yellow (28%)

Black (11%)



Cyan (11%)

Magenta (62%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 144.5080, 10.1026, 73.2225 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 144.5080, 10.1026, 73.2225 by changing the saturation by 10% instead.



144.5080, 10.1026,  
73.2225

144.5080, 10.1026,  
73.2225

255.0000, 0.0000,  
0.0000

116.1380, 11.2710,  
71.7930

191.7230, 13.9406,  
55.4939

86.8930, 12.8708,  
72.0078

211.4650, 18.5048,  
38.1802

52.0060, 18.2380,  
77.1707

229.1720, 12.7332,  
22.6512

40.8980, 11.8823,  
62.3565

246.1950, 4.3409,  
7.7220

30.3170, 6.2527,  
47.9570

20.5620, 1.2019,  
34.5871

8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,  
0.0000

■ 144.5080, 10.1026,  
73.2225

■ 144.5080, 10.1026,  
73.2225

■ 129.7530, 11.9538,  
86.1626

■ 159.2630, 8.2513,  
60.2823

■ 114.9980, 13.8050,  
99.1028

■ 174.0180, 6.4001,  
47.3422

■ 100.8300, 15.3668,  
111.5281

■ 188.1860, 4.8383,  
34.9169

■ 86.0750, 17.2180,  
124.4682

■ 202.9410, 2.9871,  
21.9767

■ 81.6240, 17.9334,  
128.3718

■ 217.6960, 1.1359,  
9.0366

 232.4510, -0.7153,  
-3.9035

 245.4450, -1.6984,  
-15.2993

 246.6990, 3.1064,  
-16.3990

 246.9270, 3.9800,  
-16.5990

# Harmonies

## Analogous

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



148.4720, 31.3193, 34.6661



144.5080, 10.1026, 73.2225



141.2710, -13.9376, 83.9543

# Triad

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



144.5080, 10.1026, 73.2225



134.8890, -48.7523, 3.6053



122.0490, 48.7828, -107.0370

# Complementary

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



144.5080, 10.1026, 73.2225



181.4920, -10.1026, -73.2225

# 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.



119.3810, 28.4062, -104.6971



144.5080, 10.1026, 73.2225



126.1400, -26.1980, -43.9728

# Square

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



144.5080, 10.1026, 73.2225



138.7350, -51.6344, 41.4514



112.6380, 5.1085, -98.7835



118.9150, 62.1599, -104.2885



# Rectangle

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



144.5080, 10.1026, 73.2225



141.2150, -29.1930, 76.9874



112.6380, 5.1085, -98.7835



121.7410, 42.5257, -106.7669

# Sweetspot

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



144.5080, 10.1026, 73.2225



227.3650, 3.2711, 24.2359



131.6570, 47.4971, 25.7338



111.2560, 1.8458, 14.6845



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.



144.5080, 10.1026, 73.2225



143.8730, 13.3736, 97.4584



137.0980, -18.2893, 79.7211



107.2720, 0.8519, 6.7775



64.0090, 13.7996, 100.8471



18.2130, 3.8390, 28.7542



# Inverse Universe

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



144.5080, 10.1026, 73.2225



143.8730, 13.3736, 97.4584



188.9020, 18.2893, -79.7211



107.2720, 0.8519, 6.7775



64.0090, 13.7996, 100.8471

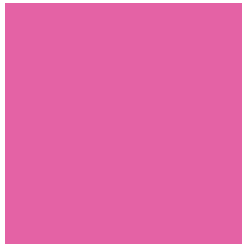


18.2130, 3.8390, 28.7542



# Previews

## White Background



This preview shows how the YUV color 144.5080, 10.1026, 73.2225 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

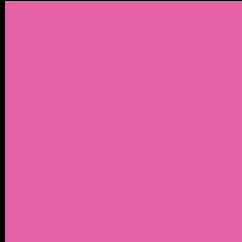
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 144.5080, 10.1026, 73.2225 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

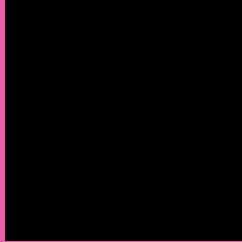
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 144.5080, 10.1026, 73.2225

## Background



This preview shows how black text looks on a background with the YUV color 144.5080, 10.1026, 73.2225.



This preview shows how white text looks on a background with the YUV color 144.5080, 10.1026,



# 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

144.5080, 10.1026, 73.2225

### Protanopia

144.8560, 25.2140, -13.9057

### Deuteranopia

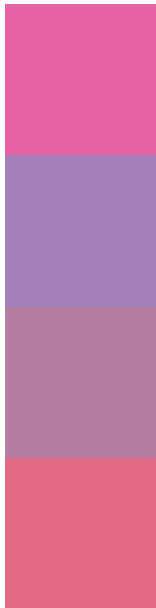
146.2270, 5.8041, 5.0629



## Tritanopia

144.1830, -13.8942, 69.9995

# Trichromacy



## Original Color

144.5080, 10.1026, 73.2225

## Protanomaly

144.9740, 19.7328, 17.5628

## Deuteranomaly

145.5490, 7.6173, 30.2135

## Tritanomaly

144.1860, -5.0217, 70.8739

# Monochromacy



## Original Color

144.5080, 10.1026, 73.2225

## Achromatopsia

145.0000, 0.0000, 0.0000

## Achromatomaly

144.7890, 3.5550, 26.4950

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.5080, 10.1026, 73.2225 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(228, 98, 165)` looks like.

```
.text, #text, p{  
    color:rgb(228, 98, 165)  
}
```

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(228, 98, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 98, 165) }
```

## Border

The CSS property to change the border of an element to YUV 144.5080, 10.1026, 73.2225 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(228, 98, 165) }
```



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

```
.border{ border-color:rgb(228, 98, 165) }
```

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

Here you see how a box with a 4 pixel rgb(228, 98, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 98, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 98, 165);  
box-shadow:4px 4px 4px 4px rgb(228, 98,  
165) }
```

# Background

The CSS property to change the background color of an element to YUV 144.5080, 10.1026, 73.2225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 98, 165) }
```

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

```
.background{ background-color: rgb(228, 98,  
165) }
```

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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