

Converting Colors

YUV(145.7430, 3.5777, 66.0004)

Have a look what the booklet for
YUV(145.7430, 3.5777, 66.0004)
contains.

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Color

**YUV(145.7430, 3.5777,
66.0004)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6A99
RGB	221, 106, 153
RGB Percent	87%, 42%, 60%
CMY	0.1333, 0.5843, 0.4000
CMYK	0.00, 0.52, 0.31, 0.13
HSL	335°, 63%, 64%
HSV	335°, 52%, 87%
XYZ	40.7226, 27.9801, 33.3914
YIQ	145.7430, 53.4530, 38.9970

Conversions

Conversions Part 2

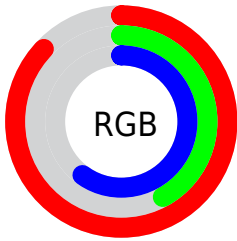
Format	Color
R _Y B	221, 106, 153
Decimal	14510745
CIE Lab	59.87, 49.91, -4.06
CIE LCh	60, 50.073, 355.349
Yxy	27.9801, 0.3989, 0.2741
Android (android.graphics.Color)	4292700825 (0xFFDD6A99)
YUV	145.7430, 3.5777, 66.0004
Hunter-Lab	52.8962, 44.8512, -0.4001

Details

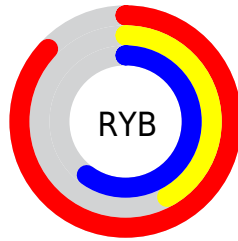
The YUV color **145.7430, 3.5777, 66.0004** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **181.2570, -3.5777, -66.0004**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3500, 6.2365, 53.1901**, and **90.8890, 5.4777, 63.2413** is the 20% darker color. If you saturate the color by 10%, you get **131.3470, 4.2659, 78.6257**, and if you desaturate by 10%, it is **160.1390, 2.8895, 53.3751**.

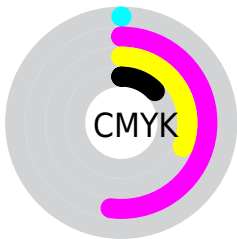
Distribution



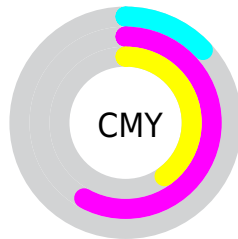
- Red (87%)
- Green (42%)
- Blue (60%)



- Red (87%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (52%)
- Yellow (31%)
- Black (13%)




- Cyan (13%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.7430, 3.5777, 66.0004 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 145.7430, 3.5777, 66.0004 by changing the saturation by 10% instead.


 145.7430, 3.5777,
66.0004


 145.7430, 3.5777,
66.0004


255.0000, 0.0000,
0.0000

 118.2590, 4.3093,
64.6709


 194.3500, 6.2365,
53.1901


 90.8890, 5.4777,
63.2413


 213.9780, 10.3638,
35.9763


 61.2850, 8.2405,
63.7711

 232.6940, 10.9969,
19.5624

 38.2630, 8.2513,
60.2823

 249.7170, 2.6045,
4.6332

 27.4970, 3.2060,
45.1681

 18.1120, -3.0132,
33.2278

 4.4850, -2.2111,

9.2217

0.0000, 0.0000,
0.0000

145.7430, 3.5777,
66.0004

145.7430, 3.5777,
66.0004

131.3470, 4.2659,
78.6257

160.1390, 2.8895,
53.3751

116.9510, 4.9542,
91.2510

174.5350, 2.2012,
40.7498

102.5550, 5.6424,
103.8763

188.9310, 1.5130,
28.1245

88.1590, 6.3306,
116.5016

203.3270, 0.8248,
15.4992

76.3390, 6.7349,
126.8677

218.3100, -0.1528,
2.3591

■ 232.7060, -0.8411,
-10.2662

■ 243.5800, 0.2071,
-19.8027

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



148.9040, 22.7253, 37.7952



145.7430, 3.5777, 66.0004



143.6840, -17.0992, 71.3141

Triad

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



145.7430, 3.5777, 66.0004



136.1190, -37.5267, -3.6124



119.1310, 47.7564, -104.4779

Complementary

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



145.7430, 3.5777, 66.0004



181.2570, -3.5777, -66.0004

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.



118.0760, 31.0215, -103.5527



145.7430, 3.5777, 66.0004



128.3060, -17.8989, -45.8724

Square

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



145.7430, 3.5777, 66.0004



140.4330, -43.5975, 30.3153



112.9460, 11.3656, -99.0536



115.0850, 57.6391, -100.9295

Rectangle

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



145.7430, 3.5777, 66.0004



143.0130, -29.5864, 63.1326



112.9460, 11.3656, -99.0536



119.1650, 42.8097, -104.5077

Sweetspot

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



145.7430, 3.5777, 66.0004



228.1970, 1.3819, 23.5062



139.1430, 40.3555, 29.6926



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.



145.7430, 3.5777, 66.0004



151.6520, 5.1016, 90.6362



146.2550, -19.8457, 65.5514



102.7450, 0.1257, 6.3626



59.8210, 5.5112, 99.2580



15.9200, 1.5184, 26.3802

Inverse Universe

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



145.7430, 3.5777, 66.0004



151.6520, 5.1016, 90.6362



180.7450, 19.8457, -65.5514



102.7450, 0.1257, 6.3626



59.8210, 5.5112, 99.2580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 145.7430, 3.5777, 66.0004 looks on a white background.

Color Contrast Check

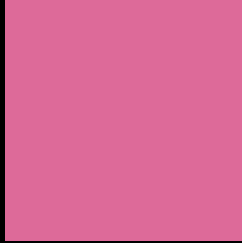
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7430, 3.5777, 66.0004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

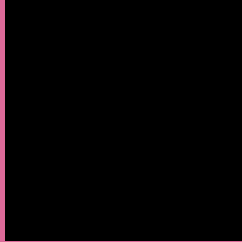
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.7430, 3.5777, 66.0004

Background



This preview shows how black text looks on a background with the YUV color 145.7430, 3.5777, 66.0004.



This preview shows how white text looks on a background with the YUV color 145.7430, 3.5777,

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

145.7430, 3.5777, 66.0004

Protanopia

145.0820, 15.7356, -7.0879

Deuteranopia

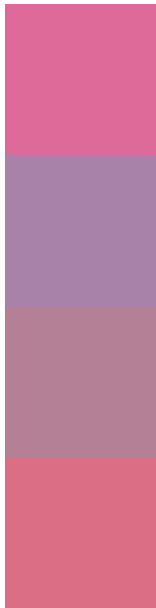
145.8810, 0.5517, 9.7514



Tritanopia

144.6060, -12.1308, 64.3665

Trichromacy



Original Color

145.7430, 3.5777, 66.0004

Protanomaly

145.6940, 10.9969, 19.5624

Deuteranomaly

145.9420, 1.5076, 29.8689

Tritanomaly

145.0990, -6.4578, 64.8112

Monochromacy



Original Color

145.7430, 3.5777, 66.0004

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6100, 1.6713, 24.0210

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7430, 3.5777, 66.0004 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(221, 106, 153)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 106, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 106, 153) }
```

Border

The CSS property to change the border of an element to YUV 145.7430, 3.5777, 66.0004 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(221, 106, 153) }
```


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

```
.border{ border-color:rgb(221, 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(221, 106, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 106, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 106, 153);  
box-shadow:4px 4px 4px 4px rgb(221, 106,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 145.7430, 3.5777, 66.0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 106, 153) }
```

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

```
.background{ background-color: rgb(221,  
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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