

# Converting Colors

YUV(140.6220, 30.7524,  
76.6305)

Have a look what the booklet for  
YUV(140.6220, 30.7524, 76.6305)  
contains.

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# Color

**YUV(140.6220, 30.7524,  
76.6305)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E454CB
RGB	228, 84, 203
RGB Percent	89%, 33%, 80%
CMY	0.1059, 0.6706, 0.2039
CMYK	0.00, 0.63, 0.11, 0.11
HSL	310°, 73%, 61%
HSV	310°, 63%, 89%
XYZ	45.9447, 27.1464, 59.3181
YIQ	140.6220, 47.6250, 67.5370

# Conversions

## Conversions Part 2

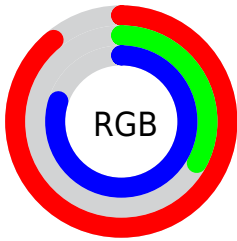
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 84, 203
Decimal	14963915
CIE <sub>Lab</sub>	59.11, 68.66, -33.85
CIE <sub>LCh</sub>	59, 76.547, 333.758
Yxy	27.1464, 0.3470, 0.2050
Android (android.graphics.Color)	4293153995 (0xFFE454CB)
YUV	140.6220, 30.7524, 76.6305
Hunter-Lab	52.1022, 66.2257, -31.0298

# Details

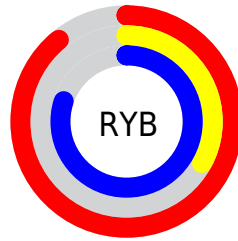
The YUV color **140.6220, 30.7524, 76.6305** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **171.3780, -30.7524, -76.6305**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6690, 32.7012, 58.1723**, and **70.9250, 37.9980, 86.0118** is the 20% darker color. If you saturate the color by 10%, you get **126.6650, 35.6612, 88.8708**, and if you desaturate by 10%, it is **154.5790, 25.8436, 64.3902**.

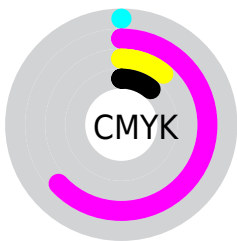
# Distribution



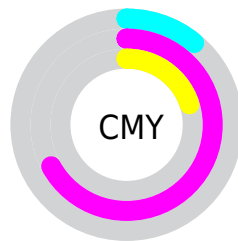
- Red (89%)
- Green (33%)
- Blue (80%)



- Red (89%)
- Yellow (33%)
- Blue (80%)



- Cyan (0%)
- Magenta (63%)
- Yellow (11%)
- Black (11%)




- Cyan (11%)
- Magenta (67%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 140.6220, 30.7524, 76.6305 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 140.6220, 30.7524, 76.6305 by changing the saturation by 10% instead.





 140.6220, 30.7524,  
76.6305


 140.6220, 30.7524,  
76.6305


255.0000, 0.0000,  
0.0000


 110.2630, 31.9153,  
76.9453


 188.6690, 32.7012,  
58.1723

 70.9250, 37.9980,  
86.0118


 205.6920, 24.3088,  
43.2431


 55.7680, 32.6524,  
73.8715

 222.7150, 15.9165,  
28.3139

 44.5460, 25.8598,  
59.1572

 239.7380, 7.5242,  
13.3848

 33.4380, 19.5041,  
44.3429

 23.3410, 13.1429,  
31.2729

 11.5640, 8.1029,

14.4144

■ 0.0000, 0.0000,  
0.0000

■ 140.6220, 30.7524,  
76.6305

■ 140.6220, 30.7524,  
76.6305

■ 126.6650, 35.6612,  
88.8708

■ 154.5790, 25.8436,  
64.3902

■ 112.7080, 40.5700,  
101.1111

■ 168.5360, 20.9348,  
52.1499

■ 99.3380, 45.1894,  
112.8366

■ 181.9060, 16.3153,  
40.4244

■ 89.6040, 48.5092,  
121.3733

■ 195.8630, 11.4065,  
28.1841

■ 209.8200, 6.4977,  
15.9439

■ 223.7770, 1.5889,  
3.7036

■ 237.7340, -3.3199,  
-8.5367

■ 244.6470, -4.7560,  
-14.5994

■ 245.1030, -3.0088,  
-14.9993

# Harmonies

## Analogous

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



144.3600, 54.5455, 4.9463



140.6220, 30.7524, 76.6305



128.2570, 4.3103, 111.1536

# Triad

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



140.6220, 30.7524, 76.6305



132.3900, -65.2683, 27.7220



125.0010, 44.8625, -109.6259

# Complementary

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



140.6220, 30.7524, 76.6305



171.3780, -30.7524, -76.6305

# 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.



117.9500, 15.3076, -103.4421



140.6220, 30.7524, 76.6305



121.4390, -59.8694, -24.0640

# Square

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



140.6220, 30.7524, 76.6305



132.9750, -65.5567, 73.6899



107.6220, -14.1106, -94.3845



125.3380, 63.9234, -109.9214



# Rectangle

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



140.6220, 30.7524, 76.6305



129.1110, -17.8027, 110.4047



107.6220, -14.1106, -94.3845



123.1940, 35.4004, -108.0411

# Sweetspot

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



140.6220, 30.7524, 76.6305



225.9120, 10.3964, 25.5102



107.5920, 59.3611, 0.3578



109.7060, 6.0609, 16.0438



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.



140.6220, 30.7524, 76.6305



137.2460, 41.2907, 103.2703



132.5280, -0.2603, 83.7289



107.7280, 2.5991, 6.3775



70.3930, 38.2603, 95.2483



20.0370, 10.8278, 27.1546



# Inverse Universe

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



140.6220, 30.7524, 76.6305



137.2460, 41.2907, 103.2703



179.4720, 0.2603, -83.7289



107.7280, 2.5991, 6.3775



70.3930, 38.2603, 95.2483

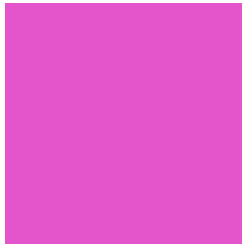


20.0370, 10.8278, 27.1546



# Previews

## White Background



This preview shows how the YUV color 140.6220, 30.7524, 76.6305 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

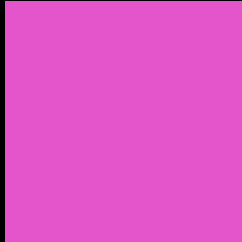
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 140.6220, 30.7524, 76.6305 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

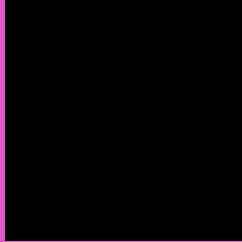
Any Text WCAG AA ✓ Pass

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 140.6220, 30.7524, 76.6305 Background



This preview shows how black text looks on a background with the YUV color 140.6220, 30.7524, 76.6305.



This preview shows how white text looks on a background with the YUV color 140.6220, 30.7524,



# 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

140.6220, 30.7524, 76.6305

### Protanopia

137.9000, 55.2653, -39.3773

### Deuteranopia

142.8560, 25.2140, -13.9057



## Tritanopia

142.1010, -12.8678, 67.4404

# Trichromacy



## Original Color

140.6220, 30.7524, 76.6305



## Protanomaly

138.8730, 46.4046, 2.7424



## Deuteranomaly

141.9340, 27.1475, 19.3519



## Tritanomaly

141.3630, 3.2720, 70.7186

# Monochromacy



## Original Color

140.6220, 30.7524, 76.6305



## Achromatopsia

141.0000, 0.0000, 0.0000



## Achromatomaly

140.8630, 11.4065, 28.1841

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.6220, 30.7524, 76.6305 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, 84, 203)` looks like.

```
.text, #text, p{  
    color:rgb(228, 84, 203)  
}
```

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, 84, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 84, 203) }
```

## Border

The CSS property to change the border of an element to YUV 140.6220, 30.7524, 76.6305 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, 84, 203) }
```



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

```
.border{ border-color:rgb(228, 84, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 84, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 84, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 84, 203);  
box-shadow:4px 4px 4px 4px rgb(228, 84,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 140.6220, 30.7524, 76.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 84, 203) }
```

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

```
.background{ background-color: rgb(228, 84,  
203) }
```

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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