

Converting Colors

YUV(140.3220, 15.6173,
77.7706)

Have a look what the booklet for
YUV(140.3220, 15.6173, 77.7706)
contains.

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Color

**YUV(140.3220, 15.6173,
77.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	E559AC
RGB	229, 89, 172
RGB Percent	90%, 35%, 67%
CMY	0.1020, 0.6510, 0.3255
CMYK	0.00, 0.61, 0.25, 0.10
HSL	324°, 73%, 62%
HSV	324°, 61%, 90%
XYZ	43.3319, 26.7813, 41.9152
YIQ	140.3220, 56.7970, 55.4930

Conversions

Conversions Part 2

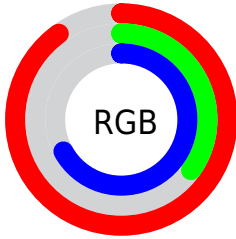
Format	Color
R _Y B	229, 89, 172
Decimal	15030700
CIE Lab	58.77, 62.53, -16.57
CIE LCh	59, 64.691, 345.155
Yxy	26.7813, 0.3868, 0.2391
Android (android.graphics.Color)	4293220780 (0xFFE559AC)
YUV	140.3220, 15.6173, 77.7706
Hunter-Lab	51.7507, 58.8979, -11.7962

Details

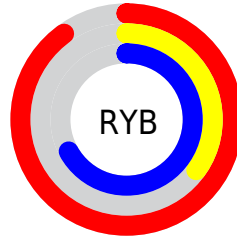
The YUV color **140.3220, 15.6173, 77.7706** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **177.6780, -15.6173, -77.7706**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8250, 19.3133, 58.9125**, and **78.5980, 20.4112, 80.1596** is the 20% darker color. If you saturate the color by 10%, you get **125.7950, 18.3421, 90.5108**, and if you desaturate by 10%, it is **154.8490, 12.8924, 65.0304**.

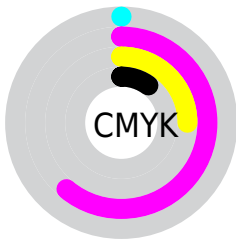
Distribution



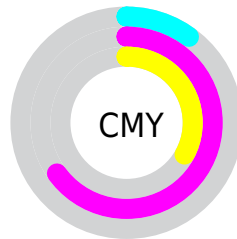
- Red (90%)
- Green (35%)
- Blue (67%)



- Red (90%)
- Yellow (35%)
- Blue (67%)



- Cyan (0%)
- Magenta (61%)
- Yellow (25%)
- Black (10%)





- Cyan (10%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.3220, 15.6173, 77.7706 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 140.3220, 15.6173, 77.7706 by changing the saturation by 10% instead.


 140.3220, 15.6173,
77.7706


 140.3220, 15.6173,
77.7706


255.0000, 0.0000,
0.0000


 111.2510, 16.6383,
76.9559


 187.8250, 19.3133,
58.9125


 78.5980, 20.4112,
80.1596

 207.4530, 23.4407,
41.6987


 52.9890, 20.7114,
77.1856

 224.4760, 15.0483,
26.7695

 41.8810, 14.3557,
62.3714

 241.4990, 6.6560,
11.8404

 30.8870, 8.4367,
47.4571

 21.1320, 3.3859,
34.0872

 8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 140.3220, 15.6173,
77.7706

■ 140.3220, 15.6173,
77.7706

■ 125.7950, 18.3421,
90.5108

■ 154.8490, 12.8924,
65.0304

■ 111.1540, 20.6301,
103.3509

■ 169.4900, 10.6044,
52.1903

■ 96.6270, 23.3549,
116.0911

■ 184.0170, 7.8796,
39.4501

■ 83.9750, 25.6483,
127.1869

■ 198.5440, 5.1548,
26.7099

■ 213.1850, 2.8668,
13.8698

■ 227.1250, 0.4314,
1.6444

■ 241.6520, -2.2934,
-11.0958

■ 246.3140, 0.3382,
-15.1844

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



145.4590, 37.7347, 30.2925



140.3220, 15.6173, 77.7706



135.6620, -10.1864, 94.1354

Triad

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



140.3220, 15.6173, 77.7706



129.3340, -63.7617, 11.1081



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.



140.3220, 15.6173, 77.7706



177.6780, -15.6173, -77.7706

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.



117.8820, 25.2012, -103.3825



140.3220, 15.6173, 77.7706



122.5010, -33.7710, -41.6584

Square

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



140.3220, 15.6173, 77.7706



134.0260, -59.6658, 50.8432



109.9820, 0.0089, -96.4542



120.1860, 64.4913, -105.4031

Rectangle

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



140.3220, 15.6173, 77.7706



135.9220, -28.0625, 87.7684



109.9820, 0.0089, -96.4542



121.3990, 41.2153, -106.4669

Sweetspot

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



140.3220, 15.6173, 77.7706



225.8320, 5.0128, 25.5803



121.7040, 52.8969, 20.4306



109.6090, 3.1508, 16.1289



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.



140.3220, 15.6173, 77.7706



137.1540, 20.6301, 103.3509



132.4560, -14.5218, 84.6691



107.3860, 1.2887, 6.6775



65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543

Inverse Universe

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



140.3220, 15.6173, 77.7706



137.1540, 20.6301, 103.3509



185.5440, 14.5218, -84.6691



107.3860, 1.2887, 6.6775



65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 140.3220, 15.6173, 77.7706 looks on a white background.

Color Contrast Check

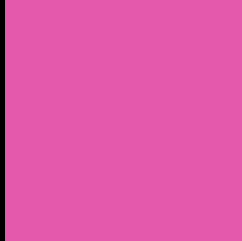
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.3220, 15.6173, 77.7706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

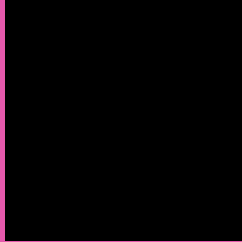
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.3220, 15.6173, 77.7706

Background



This preview shows how black text looks on a background with the YUV color 140.3220, 15.6173, 77.7706.



This preview shows how white text looks on a background with the YUV color 140.3220, 15.6173,

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

140.3220, 15.6173, 77.7706

Protanopia

141.5870, 33.2346, -19.8088

Deuteranopia

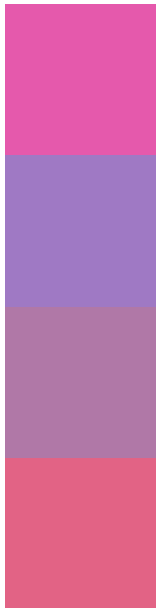
143.0570, 10.3249, 1.7040



Tritanopia

140.6780, -14.6313, 73.0734

Trichromacy



Original Color

140.3220, 15.6173, 77.7706

Protanomaly

140.9120, 27.1584, 15.8632

Deuteranomaly

142.1020, 12.2747, 29.7285

Tritanomaly

140.8490, -3.8696, 74.6774

Monochromacy



Original Color

140.3220, 15.6173, 77.7706

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7830, 6.0230, 28.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3220, 15.6173, 77.7706 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(229, 89, 172)` looks like.

```
.text, #text, p{  
    color:rgb(229, 89, 172)  
}
```

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(229, 89, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 89, 172) }
```

Border

The CSS property to change the border of an element to YUV 140.3220, 15.6173, 77.7706 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(229, 89, 172) }
```


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

```
.border{ border-color:rgb(229, 89, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 89, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 89, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 89, 172);  
box-shadow:4px 4px 4px 4px rgb(229, 89,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 140.3220, 15.6173, 77.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 89, 172) }
```

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

```
.background{ background-color: rgb(229, 89,  
172) }
```

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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