

Converting Colors

YUV(111.6240, 31.2444,
105.5698)

Have a look what the booklet for
YUV(111.6240, 31.2444, 105.5698)
contains.

YUV(111.6240, 31.2444, 105.5698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.6240, 31.2444,
105.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	E826AF
RGB	232, 38, 175
RGB Percent	91%, 15%, 69%
CMY	0.0902, 0.8510, 0.3137
CMYK	0.00, 0.84, 0.25, 0.09
HSL	318°, 81%, 53%
HSV	318°, 84%, 91%
XYZ	41.7097, 21.6372, 42.5355
YIQ	111.6240, 71.6470, 83.7350

Conversions

Conversions Part 2

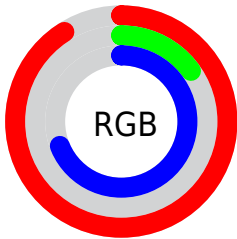
Format	Color
R_{YB}	232, 38, 175
Decimal	15214255
CIE _{Lab}	53.64, 79.79, -26.14
CIE _{LCh}	54, 83.958, 341.863
Yxy	21.6372, 0.3939, 0.2044
Android (android.graphics.Color)	4293404335 (0xFFE826AF)
YUV	111.6240, 31.2444, 105.5698
Hunter-Lab	46.5158, 78.6545, -21.6556

Details

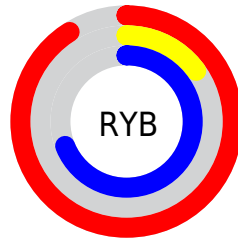
The YUV color **111.6240, 31.2444, 105.5698** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **158.3760, -31.2444, -105.5698**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5620, 31.7679, 77.5601**, and **65.0370, 28.0828, 92.9296** is the 20% darker color. If you saturate the color by 10%, you get **97.3250, 34.8428, 118.1100**, and if you desaturate by 10%, it is **125.9230, 27.6460, 93.0295**.

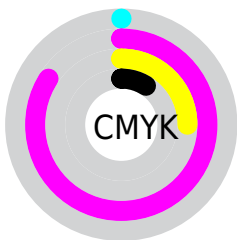
Distribution



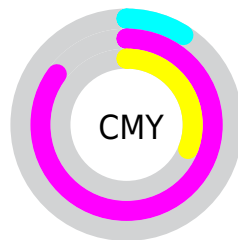
- Red (91%)
- Green (15%)
- Blue (69%)



- Red (91%)
- Yellow (15%)
- Blue (69%)



- Cyan (0%)
- Magenta (84%)
- Yellow (25%)
- Black (9%)




- Cyan (9%)
- Magenta (85%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6240, 31.2444, 105.5698 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 111.6240, 31.2444, 105.5698 by changing the saturation by 10% instead.


 111.6240, 31.2444,
105.5698


 111.6240, 31.2444,
105.5698


255.0000, 0.0000,
0.0000


 77.2700, 34.8699,
109.3882

 166.5620, 31.7679,
77.5601


 65.0370, 28.0828,
92.9296

 186.9080, 33.5694,
59.7167


 53.5160, 21.4376,
77.6005


 204.5180, 24.8876,
44.2727

 41.8100, 15.3767,
61.5566

 222.1280, 16.2059,
28.8287

 30.8160, 9.4577,
46.6424

 240.3250, 7.2348,
12.8700

 19.7510, 4.5598,
30.9134

 6.2790, -3.0955,

12.9103

■ 0.0000, 0.0000,
0.0000

■ 111.6240, 31.2444,
105.5698

■ 111.6240, 31.2444,
105.5698

■ 97.3250, 34.8428,
118.1100

■ 125.9230, 27.6460,
93.0295

■ 88.0640, 37.4364,
126.2319

■ 140.2220, 24.0476,
80.4893

■ 154.9940, 19.7230,
67.5343

■ 169.2930, 16.1246,
54.9940

■ 183.5920, 12.5261,
42.4538

197.8910, 8.9277,
29.9136

212.1900, 5.3293,
17.3734

227.0760, 1.4415,
4.3183

241.2610, -2.5937,
-8.1219

Harmonies

Analogous

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



129.7590, 52.8698, 29.1524



111.6240, 31.2444, 105.5698



87.6770, 7.5542, 144.1113

Triad

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



111.6240, 31.2444, 105.5698



117.5280, -57.9413, 10.9379



117.6950, 52.4084, -103.2185

Complementary

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



111.6240, 31.2444, 105.5698



158.3760, -31.2444, -105.5698

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.



110.5300, 22.4167, -96.9348



111.6240, 31.2444, 105.5698



96.4330, -47.5415, -58.2617

Square

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



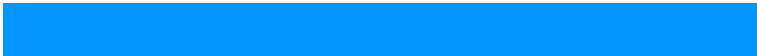
111.6240, 31.2444, 105.5698



120.5050, -59.4090, 61.8241



100.6920, -10.2012, -88.3069



116.5330, 68.2642, -102.1994

Rectangle

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



111.6240, 31.2444, 105.5698



108.1030, -25.6868, 119.1817



100.6920, -10.2012, -88.3069



115.8880, 42.9462, -101.6338

Sweetspot

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



111.6240, 31.2444, 105.5698



215.2660, 10.2219, 34.8467



76.5610, 76.6314, 14.4170



103.7390, 6.0447, 21.2769



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.



111.6240, 31.2444, 105.5698



96.7650, 41.0349, 138.7721



100.7940, -10.2514, 115.0677



107.5000, 1.7255, 6.5775



67.8850, 28.6507, 97.4479



19.3530, 8.2070, 27.7544

Inverse Universe

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



111.6240, 31.2444, 105.5698



96.7650, 41.0349, 138.7721



169.2060, 10.2514, -115.0677



107.5000, 1.7255, 6.5775



67.8850, 28.6507, 97.4479



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 111.6240, 31.2444, 105.5698 looks on a white background.

Color Contrast Check

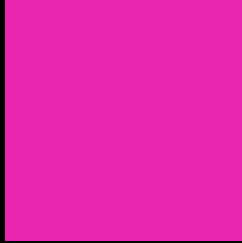
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.6240, 31.2444, 105.5698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

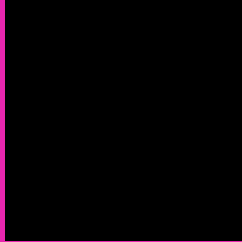
Any Text WCAG AA ✓ Pass

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 111.6240, 31.2444, 105.5698 Background



This preview shows how black text looks on a background with the YUV color 111.6240, 31.2444, 105.5698.



This preview shows how white text looks on a background with the YUV color 111.6240, 31.2444, 105.5698.

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

111.6240, 31.2444, 105.5698

Protanopia

121.0670, 58.6340, -46.5398

Deuteranopia

129.1360, 17.1880, -6.2583



Tritanopia

121.0070, -20.2165, 91.2019

Trichromacy



Original Color

111.6240, 31.2444, 105.5698



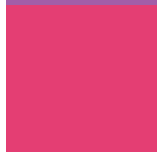
Protanomaly

117.4870, 48.5669, 9.2199



Deuteranomaly

122.7680, 22.2994, 34.4065



Tritanomaly

117.6760, -1.3193, 96.7541

Monochromacy



Original Color

111.6240, 31.2444, 105.5698



Achromatopsia

112.0000, 0.0000, 0.0000



Achromatomaly

111.9290, 11.3740, 38.6503

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6240, 31.2444, 105.5698 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(232, 38, 175)` looks like.

```
.text, #text, p{  
    color:rgb(232, 38, 175)  
}
```

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(232, 38, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 38, 175) }
```

Border

The CSS property to change the border of an element to YUV 111.6240, 31.2444, 105.5698 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(232, 38, 175) }
```


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

```
.border{ border-color:rgb(232, 38, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 38, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 38, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 38, 175);  
box-shadow:4px 4px 4px 4px rgb(232, 38,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 111.6240, 31.2444, 105.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 38, 175) }
```

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

```
.background{ background-color: rgb(232, 38,  
175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor