

Converting Colors

YUV(99.4620, 30.3382,
116.2358)

Have a look what the booklet for
YUV(99.4620, 30.3382, 116.2358)
contains.

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Color

**YUV(99.4620, 30.3382,
116.2358)**

Conversions

Conversions Part 1

Format	Color
Hex	E814A1
RGB	232, 20, 161
RGB Percent	91%, 8%, 63%
CMY	0.0902, 0.9216, 0.3686
CMYK	0.00, 0.91, 0.31, 0.09
HSL	320°, 84%, 49%
HSV	320°, 91%, 91%
XYZ	39.9619, 20.2293, 35.5166
YIQ	99.4620, 81.0910, 88.7950

Conversions

Conversions Part 2

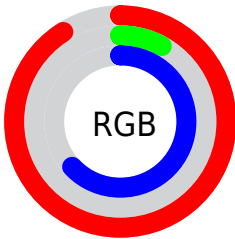
Format	Color
R_{YB}	232, 20, 161
Decimal	15209633
CIE _{Lab}	52.10, 81.06, -20.27
CIE _{LCh}	52, 83.556, 345.961
Yxy	20.2293, 0.4175, 0.2114
Android (android.graphics.Color)	4293399713 (0xFFE814A1)
YUV	99.4620, 30.3382, 116.2358
Hunter-Lab	44.9770, 79.8867, -15.3351

Details

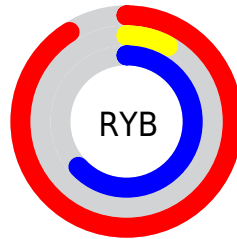
The YUV color **99.4620, 30.3382, 116.2358** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **152.5380, -30.3382, -116.2358**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1560, 27.5311, 83.1782**, and **63.5550, 22.4044, 94.2293** is the 20% darker color. If you saturate the color by 10%, you get **86.9240, 33.0685, 127.2317**, and if you desaturate by 10%, it is **113.8750, 27.1766, 103.5956**.

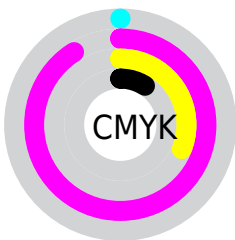
Distribution



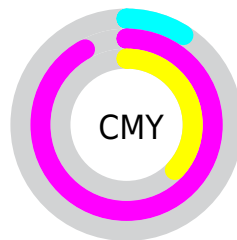
- Red (91%)
- Green (8%)
- Blue (63%)



- Red (91%)
- Yellow (8%)
- Blue (63%)



- Cyan (0%)
- Magenta (91%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (92%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.4620, 30.3382, 116.2358 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 99.4620, 30.3382, 116.2358 by changing the saturation by 10% instead.


 99.4620, 30.3382,
116.2358


 99.4620, 30.3382,
116.2358


255.0000, 0.0000,
0.0000


 75.4890, 29.3389,
110.0731


 160.1560, 27.5311,
83.1782


 63.5550, 22.4044,
94.2293

 181.5450, 30.7903,
64.4200


 51.8490, 16.3434,
78.1854


 200.4090, 26.9134,
47.8763

 40.1430, 10.2825,
62.1416

 218.0190, 18.2316,
32.4323

 29.3770, 5.2371,
47.0274

 236.2160, 9.2605,
16.4736

 17.7850, -0.3870,
30.8836

253.8260, 0.5788,

 2.9900, -1.4741,

1.0296

6.1478

■ 0.0000, 0.0000,
0.0000

■ 99.4620, 30.3382,
116.2358

■ 99.4620, 30.3382,
116.2358

■ 86.9240, 33.0685,
127.2317

■ 113.8750, 27.1766,
103.5956

■ 128.2880, 24.0150,
90.9554

■ 143.1740, 20.1272,
77.9004

■ 157.5870, 16.9656,
65.2602

■ 172.0000, 13.8040,
52.6200

■ 186.4130, 10.6424,
39.9798

■ 200.7120, 7.0440,
27.4396

■ 215.7120, 3.5930,
14.2846

■ 230.1250, 0.4314,
1.6444

Harmonies

Analogous

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



125.2120, 49.1955, 41.0331



99.4620, 30.3382, 116.2358



83.8140, 3.0497, 142.2371

Triad

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



99.4620, 30.3382, 116.2358



112.7550, -55.5882, 2.8459



115.1020, 55.1657, -100.9445

Complementary

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



99.4620, 30.3382, 116.2358



152.5380, -30.3382, -116.2358

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.



108.8660, 26.1951, -95.4755



99.4620, 30.3382, 116.2358



85.7020, -42.2511, -75.1607

Square

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



99.4620, 30.3382, 116.2358



117.2050, -57.7821, 53.3172



99.1420, -5.9860, -86.9475



113.0110, 70.0006, -99.1106

Rectangle

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



99.4620, 30.3382, 116.2358



105.6910, -30.9067, 113.4040



99.1420, -5.9860, -86.9475



113.4090, 46.1404, -99.4597

Sweetspot

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



99.4620, 30.3382, 116.2358



211.8750, 9.9216, 37.8206



65.3970, 82.1353, 22.4538



102.3370, 5.7499, 22.5065



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.



99.4620, 30.3382, 116.2358



95.6250, 36.6669, 139.7719



87.3780, -15.9624, 126.8335



107.5000, 1.7255, 6.5775



67.0870, 25.5931, 98.1477



19.1250, 7.3334, 27.9544

Inverse Universe

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



99.4620, 30.3382, 116.2358



95.6250, 36.6669, 139.7719



164.6220, 15.9624, -126.8335



107.5000, 1.7255, 6.5775



67.0870, 25.5931, 98.1477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 99.4620, 30.3382, 116.2358 looks on a white background.

Color Contrast Check

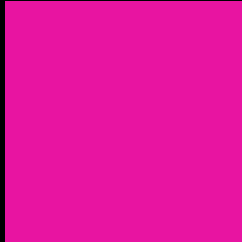
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.4620, 30.3382, 116.2358 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 99.4620, 30.3382, 116.2358

Background



This preview shows how black text looks on a background with the YUV color 99.4620, 30.3382, 116.2358.



This preview shows how white text looks on a background with the YUV color 99.4620, 30.3382,

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

99.4620, 30.3382, 116.2358

Protanopia

119.4330, 53.5235, -40.7217

Deuteranopia

126.0890, 11.7881, -0.9551



Tritanopia

113.4810, -22.4221, 98.6792

Trichromacy



Original Color

99.4620, 30.3382, 116.2358



Protanomaly

112.3200, 45.1982, 16.3824



Deuteranomaly

116.4870, 18.4939, 41.6689



Tritanomaly

108.5630, -3.2356, 104.7462

Monochromacy



Original Color

99.4620, 30.3382, 116.2358



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

98.9510, 11.3632, 42.1390

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4620, 30.3382, 116.2358 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, 20, 161)` looks like.

```
.text, #text, p{  
    color:rgb(232, 20, 161)  
}
```

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, 20, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 20, 161) }
```

Border

The CSS property to change the border of an element to YUV 99.4620, 30.3382, 116.2358 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, 20, 161) }
```


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

```
.border{ border-color:rgb(232, 20, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 20, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 20, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 20, 161);  
box-shadow:4px 4px 4px 4px rgb(232, 20,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 99.4620, 30.3382, 116.2358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 20, 161) }
```

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

```
.background{ background-color: rgb(232, 20,  
161) }
```

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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