

Converting Colors

YUV(118.2100, 32.4345,
97.1628)

Have a look what the booklet for
YUV(118.2100, 32.4345, 97.1628)
contains.

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Color

**YUV(118.2100, 32.4345,
97.1628)**

Conversions

Conversions Part 1

Format	Color
Hex	E531B8
RGB	229, 49, 184
RGB Percent	90%, 19%, 72%
CMY	0.1020, 0.8078, 0.2784
CMYK	0.00, 0.79, 0.20, 0.10
HSL	315°, 78%, 55%
HSV	315°, 79%, 90%
XYZ	42.0631, 22.3153, 47.4377
YIQ	118.2100, 63.9450, 80.1450

Conversions

Conversions Part 2

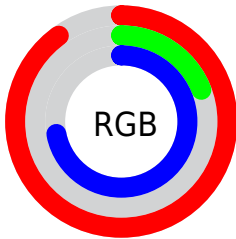
Format	Color
R _Y B	229, 49, 184
Decimal	15020472
CIE Lab	54.36, 77.75, -30.31
CIE LCh	54, 83.451, 338.704
Yxy	22.3153, 0.3762, 0.1996
Android (android.graphics.Color)	4293210552 (0xFFE531B8)
YUV	118.2100, 32.4345, 97.1628
Hunter-Lab	47.2391, 76.2734, -26.4719

Details

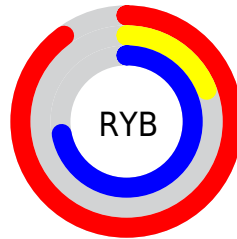
The YUV color **118.2100, 32.4345, 97.1628** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **159.7900, -32.4345, -97.1628**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1100, 33.9628, 73.5715**, and **65.4650, 32.3088, 90.8002** is the 20% darker color. If you saturate the color by 10%, you get **104.0250, 36.4697, 109.6031**, and if you desaturate by 10%, it is **132.3950, 28.3993, 84.7226**.

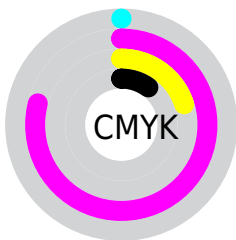
Distribution



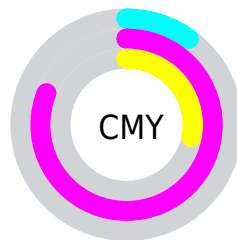
- Red (90%)
- Green (19%)
- Blue (72%)



- Red (90%)
- Yellow (19%)
- Blue (72%)



- Cyan (0%)
- Magenta (79%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (81%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.2100, 32.4345, 97.1628 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 118.2100, 32.4345, 97.1628 by changing the saturation by 10% instead.

 118.2100, 32.4345,
97.1628

 118.2100, 32.4345,
97.1628


255.0000, 0.0000,
0.0000


 77.3990, 39.2433,
106.6441


 171.1100, 33.9628,
73.5715


 65.4650, 32.3088,
90.8002


 190.4300, 31.8330,
56.6279


 53.8300, 25.2268,
75.5711

 208.0400, 23.1513,
41.1839

 42.4230, 19.0185,
60.1420

 225.6500, 14.4696,
25.7400

 31.0160, 12.8101,
44.7130

 243.2600, 5.7878,
10.2960

 20.4350, 7.1805,
30.3135

 7.0060, 0.9830,

11.3957

■ 0.0000, 0.0000,
0.0000

■ 118.2100, 32.4345,
97.1628

■ 118.2100, 32.4345,
97.1628

■ 104.0250, 36.4697,
109.6031

■ 132.3950, 28.3993,
84.7226

■ 89.9540, 40.9417,
121.9433

■ 146.4660, 23.9273,
72.3823

■ 88.0790, 41.3731,
123.5877

■ 160.6510, 19.8921,
59.9421

■ 174.8360, 15.8569,
47.5018

■ 188.4340, 12.1110,
35.5764

■ 202.5050, 7.6390,
23.2361

■ 216.6900, 3.6038,
10.7959

■ 230.8750, -0.4314,
-1.6444

■ 245.0600, -4.4666,
-14.0846

Harmonies

Analogous

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



131.9750, 55.2283, 19.3159



118.2100, 32.4345, 97.1628



94.2850, 8.7335, 139.1931

Triad

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



118.2100, 32.4345, 97.1628



120.2190, -59.2680, 16.4709



118.2990, 49.6456, -103.7482

Complementary

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



118.2100, 32.4345, 97.1628



159.7900, -32.4345, -97.1628

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.



111.0200, 19.2171, -97.3645



118.2100, 32.4345, 97.1628



103.8970, -51.2212, -44.6367

Square

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



118.2100, 32.4345, 97.1628



122.0110, -60.1514, 66.6424



100.5950, -13.1113, -88.2218



118.2940, 67.3961, -103.7438

Rectangle

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



118.2100, 32.4345, 97.1628



109.2650, -21.3296, 121.6706



100.5950, -13.1113, -88.2218



116.4920, 40.1834, -102.1635

Sweetspot

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



118.2100, 32.4345, 97.1628



217.4830, 11.1009, 32.9024



82.9750, 71.9903, 9.6689



105.1410, 6.3395, 20.0473



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.



118.2100, 32.4345, 97.1628



107.2800, 43.2460, 129.5504



107.9500, -6.8774, 106.1608



107.6140, 2.1623, 6.4775



68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Inverse Universe

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



118.2100, 32.4345, 97.1628



107.2800, 43.2460, 129.5504



170.0500, 6.8773, -106.1609



107.6140, 2.1623, 6.4775



68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 118.2100, 32.4345, 97.1628 looks on a white background.

Color Contrast Check

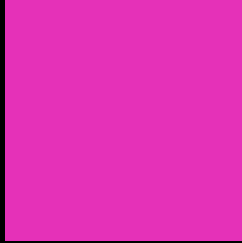
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2100, 32.4345, 97.1628 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 118.2100, 32.4345, 97.1628

Background



This preview shows how black text looks on a background with the YUV color 118.2100, 32.4345, 97.1628.



This preview shows how white text looks on a background with the YUV color 118.2100, 32.4345,

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

118.2100, 32.4345, 97.1628

Protanopia

122.3270, 60.9708, -49.3988

Deuteranopia

130.5530, 21.4194, -10.1320



Tritanopia

124.8320, -18.1582, 84.3393

Trichromacy



Original Color

118.2100, 32.4345, 97.1628



Protanomaly

120.9100, 50.3304, 3.5869



Deuteranomaly

125.9460, 25.6626, 28.9884



Tritanomaly

122.6750, 0.1602, 88.8620

Monochromacy



Original Color

118.2100, 32.4345, 97.1628



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.0210, 11.8216, 35.0616

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2100, 32.4345, 97.1628 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, 49, 184)` looks like.

```
.text, #text, p{  
    color:rgb(229, 49, 184)  
}
```

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, 49, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 49, 184) }
```

Border

The CSS property to change the border of an element to YUV 118.2100, 32.4345, 97.1628 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, 49, 184) }
```


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

```
.border{ border-color:rgb(229, 49, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 49, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 49, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 49, 184);  
box-shadow:4px 4px 4px 4px rgb(229, 49,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 118.2100, 32.4345, 97.1628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 49, 184) }
```

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

```
.background{ background-color: rgb(229, 49,  
184) }
```

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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