

Converting Colors

YUV(199.8420, 9.9379, 32.5876)

Have a look what the booklet for
YUV(199.8420, 9.9379, 32.5876)
contains.

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Color

**YUV(199.8420, 9.9379,
32.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB1DC
RGB	237, 177, 220
RGB Percent	93%, 69%, 86%
CMY	0.0706, 0.3059, 0.1373
CMYK	0.00, 0.25, 0.07, 0.07
HSL	317°, 63%, 81%
HSV	317°, 25%, 93%
XYZ	63.5655, 54.6161, 74.9018
YIQ	199.8420, 21.9570, 26.0930

Conversions

Conversions Part 2

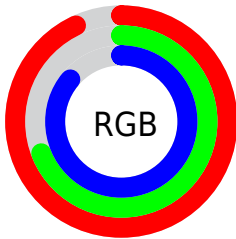
Format	Color
R _Y B	237, 177, 220
Decimal	15577564
CIE Lab	78.82, 28.55, -13.07
CIE LCh	79, 31.396, 335.398
Yxy	54.6161, 0.3292, 0.2829
Android (android.graphics.Color)	4293767644 (0xFFEDB1DC)
YUV	199.8420, 9.9379, 32.5876
Hunter-Lab	73.9027, 24.2023, -8.3597

Details

The YUV color **199.8420, 9.9379, 32.5876** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **214.1580, -9.9379, -32.5876**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **145.4180, 9.6539, 30.3284** is the 20% darker color. If you saturate the color by 10%, you get **184.9560, 13.8257, 45.6426**, and if you desaturate by 10%, it is **214.7280, 6.0501, 19.5325**.

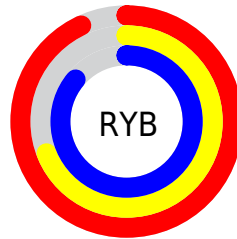
Distribution



Red (93%)

Green (69%)

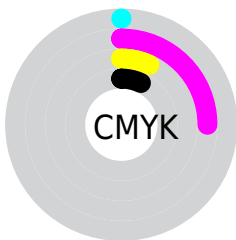
Blue (86%)



Red (93%)

Yellow (69%)

Blue (86%)

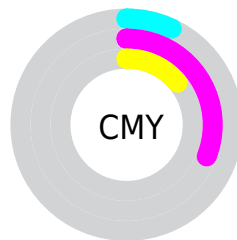


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (7%)



Cyan (7%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8420, 9.9379, 32.5876 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 199.8420, 9.9379, 32.5876 by changing the saturation by 10% instead.


 199.8420, 9.9379,
32.5876


 199.8420, 9.9379,
32.5876


255.0000, 0.0000,
0.0000


 172.1300, 9.7959,
31.4580


 242.0860, 6.3666,
11.3256

 145.4180, 9.6539,
30.3284

 119.1190, 9.8013,
29.7136

 94.2930, 9.2226,
28.6840

 69.6950, 9.5174,
27.4545

 45.9830, 9.3754,
26.3249

 22.2110, 10.2490,

26.1250

■ 12.1900, 5.3293,
17.3734

■ 0.0000, 0.0000,
0.0000

■ 199.8420, 9.9379,
32.5876

■ 199.8420, 9.9379,
32.5876

■ 184.9560, 13.8257,
45.6426

■ 214.7280, 6.0501,
19.5325

■ 170.7710, 17.8609,
58.0828

■ 228.9130, 2.0149,
7.0923

■ 155.8850, 21.7487,
71.1379

■ 243.7990, -1.8729,
-5.9627

■ 140.9990, 25.6365,
84.1929

■ 248.7060, -0.8411,
-10.2662

■ 126.1130, 29.5243,
97.2479

■ 249.5040, 2.2165,
-10.9660

■ 111.9280, 33.5595,
109.6881

■ 249.6180, 2.6533,
-11.0660

■ 97.0420, 37.4473,
122.7432

■ 90.2430, 39.3202,
128.7059

Harmonies

Analogous

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



198.4780, 21.9493, 6.5968



199.8420, 9.9379, 32.5876



198.9720, -3.9302, 47.3826

Triad

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



199.8420, 9.9379, 32.5876



193.1720, -27.6928, 15.6352



180.3580, 23.4875, -66.9660

Complementary

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



199.8420, 9.9379, 32.5876



214.1580, -9.9379, -32.5876

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.



181.0420, 9.3463, -57.9188



199.8420, 9.9379, 32.5876



190.0270, -21.2123, -9.6707

Square

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



199.8420, 9.9379, 32.5876



195.4610, -25.8633, 35.5527



185.4180, -7.6011, -35.4466



185.8680, 30.1381, -53.3812

Rectangle

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



199.8420, 9.9379, 32.5876



198.1650, -13.3923, 48.9673



185.4180, -7.6011, -35.4466



180.2180, 19.1195, -65.9662

Sweetspot

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



199.8420, 9.9379, 32.5876



242.5760, 3.1670, 10.8958



188.9230, 23.7020, 4.4525



119.9130, 2.0149, 7.0923



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.



199.8420, 9.9379, 32.5876



207.8800, 12.3842, 41.3242



196.4220, -3.1660, 35.5869



110.2010, 1.8729, 5.9627



68.9390, 30.1031, 98.2775



20.4780, 8.6383, 29.3988

Inverse Universe

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



199.8420, 9.9379, 32.5876



207.8800, 12.3842, 41.3242



217.5780, 3.1660, -35.5869



110.2010, 1.8729, 5.9627



68.9390, 30.1031, 98.2775



20.4780, 8.6383, 29.3988

Previews

White Background



This preview shows how the YUV color 199.8420, 9.9379, 32.5876 looks on a white background.

Color Contrast Check

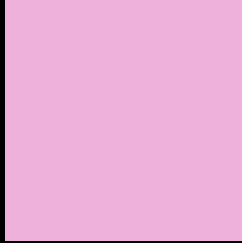
Large Text (above 18pt) WCAG AA × Fail

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 199.8420, 9.9379, 32.5876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

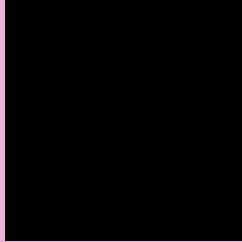
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.8420, 9.9379, 32.5876

Background



This preview shows how black text looks on a background with the YUV color 199.8420, 9.9379, 32.5876.



This preview shows how white text looks on a background with the YUV color 199.8420, 9.9379,

32.5876.

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

199.8420, 9.9379, 32.5876

Protanopia

196.4240, 17.0460, -7.3878

Deuteranopia

197.3780, 10.1666, 5.8075



Tritanopia

198.4430, -1.6974, 31.1835

Trichromacy



Original Color

199.8420, 9.9379, 32.5876



Protanomaly

197.8280, 14.3818, 7.1668



Deuteranomaly

198.1450, 10.2815, 15.6588



Tritanomaly

199.1810, 2.3758, 31.4133

Monochromacy



Original Color

199.8420, 9.9379, 32.5876



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.9890, 3.4564, 11.4106

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8420, 9.9379, 32.5876 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(237, 177, 220)` looks like.

```
.text, #text, p{  
    color:rgb(237, 177, 220)  
}
```

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(237, 177, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 177, 220) }
```

Border

The CSS property to change the border of an element to YUV 199.8420, 9.9379, 32.5876 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(237, 177, 220) }
```


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

```
.border{ border-color:rgb(237, 177, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 177, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 177, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 177, 220);  
box-shadow:4px 4px 4px 4px rgb(237, 177,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 199.8420, 9.9379, 32.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 177, 220) }
```

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

```
.background{ background-color: rgb(237,  
177, 220) }
```

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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