

Converting Colors

YUV(209.3420, 8.2124, 26.0101)

Have a look what the booklet for
YUV(209.3420, 8.2124, 26.0101)
contains.

YUV(209.3420, 8.2124, 26.0101)	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(209.3420, 8.2124,
26.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBFE2
RGB	239, 191, 226
RGB Percent	94%, 75%, 89%
CMY	0.0627, 0.2510, 0.1137
CMYK	0.00, 0.20, 0.05, 0.06
HSL	316°, 60%, 84%
HSV	316°, 20%, 94%
XYZ	67.9549, 61.1033, 80.1640
YIQ	209.3420, 17.3730, 21.0610

Conversions

Conversions Part 2

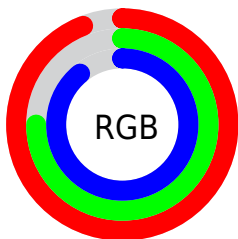
Format	Color
R_{YB}	239, 191, 226
Decimal	15712226
CIE _{Lab}	82.43, 22.81, -10.88
CIE _{LCh}	82, 25.269, 334.497
Yxy	61.1033, 0.3248, 0.2920
Android (android.graphics.Color)	4293902306 (0xFFEFBFE2)
YUV	209.3420, 8.2124, 26.0101
Hunter-Lab	78.1686, 18.3816, -6.0855

Details

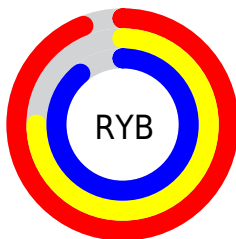
The YUV color $209.3420, 8.2124, 26.0101$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $220.6580, -8.2124, -26.0101$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 2.0257, 3.6036$, and $154.6300, 8.0704, 24.8805$ is the 20% darker color. If you saturate the color by 10%, you get $194.5700, 12.5370, 38.9651$, and if you desaturate by 10%, it is $224.1140, 3.8878, 13.0550$.

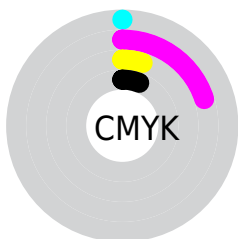
Distribution



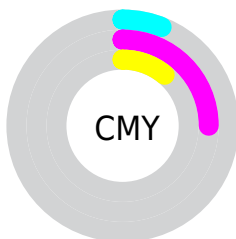
- Red (94%)
- Green (75%)
- Blue (89%)



- Red (94%)
- Yellow (75%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.3420, 8.2124, 26.0101 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 209.3420, 8.2124, 26.0101 by changing the saturation by 10% instead.


 209.3420, 8.2124,
26.0101

 209.3420, 8.2124,
26.0101

255.0000, 0.0000,
0.0000


 181.6300, 8.0704,
24.8805


 250.8910, 2.0257,
3.6036

 154.6300, 8.0704,
24.8805

 128.5050, 7.6390,
23.2361

 103.0920, 7.3496,
22.7213

 78.7930, 7.4971,
22.1065

 55.0810, 7.3551,
20.9770

 32.4830, 7.6499,

19.7474

■ 13.5430, 6.6343,
18.8178

■ 0.0000, 0.0000,
0.0000

■ 209.3420, 8.2124,
26.0101

■ 209.3420, 8.2124,
26.0101

■ 194.5700, 12.5370,
38.9651

■ 224.1140, 3.8878,
13.0550

■ 179.6840, 16.4248,
52.0201

■ 239.0000, 0.0000,
0.0000

■ 164.9120, 20.7494,
64.9752

■ 249.0760, -2.0095,
-8.8367

■ 150.0260, 24.6372,
78.0302

■ 249.8740, 1.0481,
-9.5365

■ 135.8410, 28.6724,
90.4704

■ 250.2160, 2.3585,
-9.8364

■ 120.9550, 32.5602,
103.5255

■ 106.1830, 36.8848,
116.4805

■ 91.2970, 40.7726,
129.5355

Harmonies

Analogous

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



208.0280, 17.7342, 5.2374



209.3420, 8.2124, 26.0101



209.0310, -3.4663, 38.5608

Triad

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



209.3420, 8.2124, 26.0101



203.8280, -22.5932, 13.3058



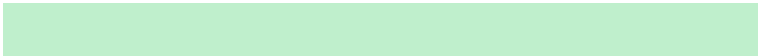
195.5620, 17.4709, -50.4819

Complementary

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



209.3420, 8.2124, 26.0101



220.6580, -8.2124, -26.0101

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.



195.6200, 6.1033, -44.3937



209.3420, 8.2124, 26.0101



201.0750, -17.2920, -7.0818

Square

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



209.3420, 8.2124, 26.0101



206.2800, -21.3370, 30.4494



197.9890, -6.8966, -28.0544



198.9360, 23.6956, -40.2859

Rectangle

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



209.3420, 8.2124, 26.0101



208.2070, -10.4551, 40.1605



197.9890, -6.8966, -28.0544



194.7640, 14.4133, -49.7820

Sweetspot

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



209.3420, 8.2124, 26.0101



245.7390, 2.5937, 8.1219



200.3590, 19.0500, 3.1932



122.3750, 1.2941, 4.9331



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.



209.3420, 8.2124, 26.0101



217.2550, 10.2273, 33.1024



206.6060, -2.2708, 28.4095



112.6140, 2.1623, 6.4775



70.2920, 31.4080, 99.7219



21.4180, 9.6539, 30.3284

Inverse Universe

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



209.3420, 8.2124, 26.0101



217.2550, 10.2273, 33.1024



223.3940, 2.2708, -28.4095



112.6140, 2.1623, 6.4775



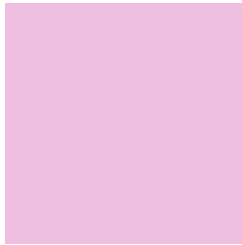
70.2920, 31.4080, 99.7219



21.4180, 9.6539, 30.3284

Previews

White Background



This preview shows how the YUV color 209.3420, 8.2124, 26.0101 looks on a white background.

Color Contrast Check

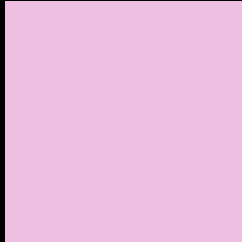
Large Text (above 18pt) WCAG AA × Fail

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 209.3420, 8.2124, 26.0101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

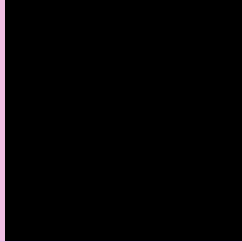
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.3420, 8.2124, 26.0101

Background



This preview shows how black text looks on a background with the YUV color 209.3420, 8.2124, 26.0101.



This preview shows how white text looks on a background with the YUV color 209.3420, 8.2124,

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

209.3420, 8.2124, 26.0101

Protanopia

206.2240, 13.6936, -5.4584

Deuteranopia

207.8190, 7.9772, 8.0517



Tritanopia

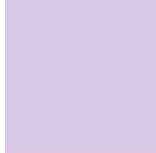
208.5670, 0.2135, 24.9357

Trichromacy



Original Color

209.3420, 8.2124, 26.0101



Protanomaly

207.1330, 11.7664, 6.0224



Deuteranomaly

208.5640, 8.1029, 14.4144



Tritanomaly

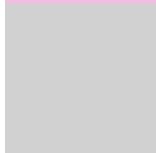
208.9630, 2.9762, 25.4654

Monochromacy



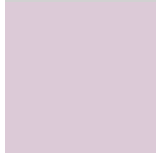
Original Color

209.3420, 8.2124, 26.0101



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

208.8640, 3.0250, 9.7663

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.3420, 8.2124, 26.0101 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(239, 191, 226)` looks like.

```
.text, #text, p{  
    color:rgb(239, 191, 226)  
}
```

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(239, 191, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 191, 226) }
```

Border

The CSS property to change the border of an element to YUV 209.3420, 8.2124, 26.0101 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(239, 191, 226) }
```


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

```
.border{ border-color:rgb(239, 191, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 191, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 191, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 191, 226);  
box-shadow:4px 4px 4px 4px rgb(239, 191,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 209.3420, 8.2124, 26.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 191, 226) }
```

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

```
.background{ background-color: rgb(239,  
191, 226) }
```

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