

Converting Colors

YUV(206.2570, 24.0303,
39.2396)

Have a look what the booklet for
YUV(206.2570, 24.0303, 39.2396)
contains.

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Color

**YUV(206.2570, 24.0303,
39.2396)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAEFF
RGB	251, 174, 255
RGB Percent	98%, 68%, 100%
CMY	0.0157, 0.3176, 0.0000
CMYK	0.02, 0.32, 0.00, 0.00
HSL	297°, 100%, 84%
HSV	297°, 32%, 100%
XYZ	72.9697, 58.0013, 101.9572
YIQ	206.2570, 19.8910, 41.5150

Conversions

Conversions Part 2

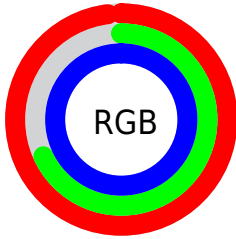
Format	Color
RYB	251, 174, 255
Decimal	16494335
CIELab	80.74, 40.85, -28.87
CIELCh	81, 50.024, 324.746
Yxy	58.0013, 0.3133, 0.2490
Android (android.graphics.Color)	4294684415 (0xFFFFBAEFF)
YUV	206.2570, 24.0303, 39.2396
Hunter-Lab	76.1586, 37.7483, -26.0634

Details

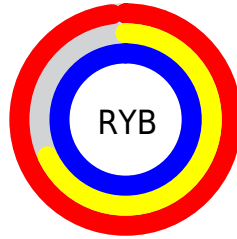
The YUV color **206.2570, 24.0303, 39.2396** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **222.7430, -24.0303, -39.2396**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 7.2348, 12.8700**, and **150.7190, 23.3095, 37.0804** is the 20% darker color. If you saturate the color by 10%, you get **190.6960, 31.7019, 52.0096**, and if you desaturate by 10%, it is **221.8180, 16.3587, 26.4696**.

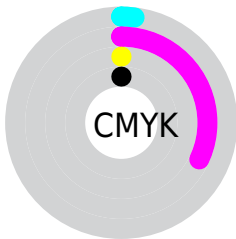
Distribution



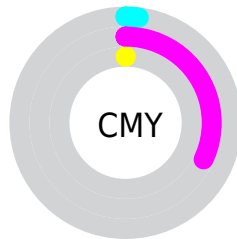
- Red (98%)
- Green (68%)
- Blue (100%)



- Red (98%)
- Yellow (68%)
- Blue (100%)



- Cyan (2%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.2570, 24.0303, 39.2396 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 206.2570, 24.0303, 39.2396 by changing the saturation by 10% instead.


 206.2570, 24.0303,
39.2396

 206.2570, 24.0303,
39.2396


255.0000, 0.0000,
0.0000


 178.4310, 23.4515,
38.2100


 240.3250, 7.2348,
12.8700

 150.7190, 23.3095,
37.0804

 124.0070, 23.1675,
35.9509

 98.1810, 22.5888,
34.9213

 72.7680, 22.2994,
34.4065

 46.2950, 23.0256,
34.8213

 26.1050, 21.1472,

30.6029

■ 17.3180, 14.6332,
19.8921

■ 3.4370, 10.6306,
-3.0142

■ 206.2570, 24.0303,
39.2396

■ 206.2570, 24.0303,
39.2396

■ 190.6960, 31.7019,
52.0096

■ 221.8180, 16.3587,
26.4696

■ 175.4230, 39.2315,
63.6500

■ 237.0910, 8.8291,
14.8292

■ 160.4490, 46.6136,
75.9052

■ 252.6520, 1.1576,
2.0592

■ 144.8880, 54.2852,
88.6752

■ 255.0000, 0.0000,
0.0000

■ 129.9140, 61.6674,
100.9304

■ 114.0540, 69.4864,
113.0856

■ 101.4280, 75.7110,
123.2816

Harmonies

Analogous

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



198.5950, 27.8077, -5.7838



206.2570, 24.0303, 39.2396



195.9800, 7.4049, 51.7605

Triad

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



206.2570, 24.0303, 39.2396



197.4120, -45.0661, 34.7187



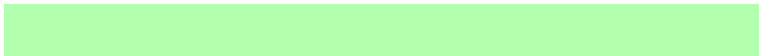
158.6200, 39.1343, -139.1097

Complementary

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



206.2570, 24.0303, 39.2396



222.7430, -24.0303, -39.2396

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.



169.5930, 10.0607, -100.4981



206.2570, 24.0303, 39.2396



192.3750, -39.1319, -2.0829

Square

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



206.2570, 24.0303, 39.2396



194.9810, -34.5006, 52.6367



185.4480, -19.9409, -44.2429



157.6230, 48.0069, -138.2354

Rectangle

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



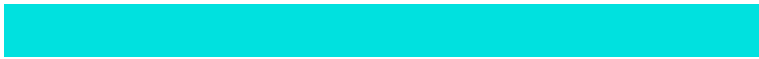
206.2570, 24.0303, 39.2396



192.3320, -6.5727, 54.9598



185.4480, -19.9409, -44.2429



157.4970, 32.2930, -138.1249

Sweetspot

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



206.2570, 24.0303, 39.2396



240.0260, 7.3822, 12.2552



185.5820, 34.2231, -10.1574



118.3090, 4.7777, 7.6220



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.



206.2570, 24.0303, 39.2396



196.5660, 28.8080, 46.8616



203.3490, 7.7159, 45.2979



120.0700, 3.9095, 6.0776



76.1920, 56.6003, 92.7936



25.5350, 18.9632, 31.1028

Inverse Universe

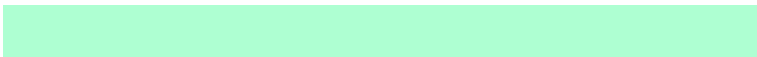
The Inverse Universe completely reimagines the original color for something new.



198.6750, -10.1928, 49.3970



187.5730, -12.1145, 59.1335



225.6510, -7.7159, -45.2979



118.8870, -1.9163, 7.9921



58.1350, -24.2236, 116.5226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 206.2570, 24.0303, 39.2396 looks on a white background.

Color Contrast Check

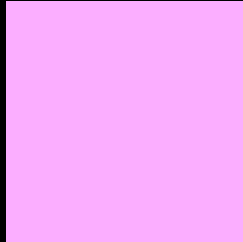
Large Text (above 18pt) WCAG AA × Fail

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 206.2570, 24.0303, 39.2396 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 206.2570, 24.0303, 39.2396

Background



This preview shows how black text looks on a background with the YUV color 206.2570, 24.0303, 39.2396.



This preview shows how white text looks on a background with the YUV color 206.2570, 24.0303,

39.2396.

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

206.2570, 24.0303, 39.2396

Protanopia

201.4970, 26.3770, -13.5909

Deuteranopia

202.5580, 23.8819, -6.6284



Tritanopia

203.9380, -2.4344, 34.2574

Trichromacy



Original Color

206.2570, 24.0303, 39.2396



Protanomaly

203.3900, 25.4437, 5.7970



Deuteranomaly

203.9560, 23.6857, 9.6856

Tritanomaly

204.7670, 7.0169, 36.1613

Monochromacy



Original Color

206.2570, 24.0303, 39.2396



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.7920, 8.9765, 14.2144

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2570, 24.0303, 39.2396 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(251, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 174, 255)  
}
```

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(251, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 174, 255) }
```

Border

The CSS property to change the border of an element to YUV 206.2570, 24.0303, 39.2396 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(251, 174, 255) }
```


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

```
.border{ border-color:rgb(251, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 174,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 206.2570, 24.0303, 39.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 174, 255) }
```

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

```
.background{ background-color: rgb(251,  
174, 255) }
```

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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