

Converting Colors

YUV(199.2190, 25.0350,
43.6579)

Have a look what the booklet for
YUV(199.2190, 25.0350, 43.6579)
contains.

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Color

**YUV(199.2190, 25.0350,
43.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A4FA
RGB	249, 164, 250
RGB Percent	98%, 64%, 98%
CMY	0.0235, 0.3569, 0.0196
CMYK	0.00, 0.34, 0.00, 0.02
HSL	299°, 90%, 81%
HSV	299°, 34%, 98%
XYZ	69.5977, 53.5928, 97.1187
YIQ	199.2190, 23.0540, 44.7660

Conversions

Conversions Part 2

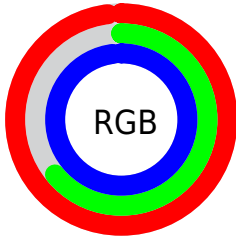
Format	Color
R _Y B	249, 164, 250
Decimal	16360698
CIE Lab	78.22, 44.53, -30.07
CIE LCh	78, 53.730, 325.973
Yxy	53.5928, 0.3159, 0.2433
Android (android.graphics.Color)	4294550778 (0xFFF9A4FA)
YUV	199.2190, 25.0350, 43.6579
Hunter-Lab	73.2071, 41.5868, -27.4109

Details

The YUV color **199.2190, 25.0350, 43.6579** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **214.7810, -25.0350, -43.6579**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **143.6810, 24.3143, 41.4988** is the 20% darker color. If you saturate the color by 10%, you get **184.5440, 32.2698, 56.5279**, and if you desaturate by 10%, it is **213.8940, 17.8003, 30.7880**.

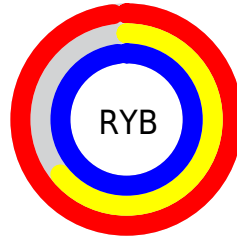
Distribution



Red (98%)

Green (64%)

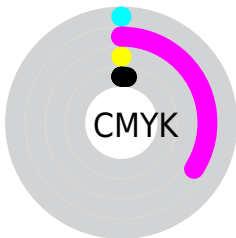
Blue (98%)



Red (98%)

Yellow (64%)

Blue (98%)

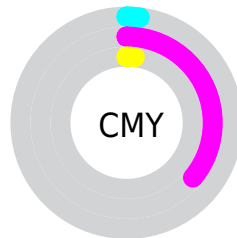


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (36%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.2190, 25.0350, 43.6579 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 199.2190, 25.0350, 43.6579 by changing the saturation by 10% instead.


 199.2190, 25.0350,
43.6579

 199.2190, 25.0350,
43.6579


255.0000, 0.0000,
0.0000


 171.3930, 24.4563,
42.6283


 234.4550, 10.1287,
18.0180


 143.6810, 24.3143,
41.4988

 251.4780, 1.7363,
3.0888

 116.9690, 24.1723,
40.3692

 91.1430, 23.5935,
39.3396

 64.9580, 24.1777,
38.6248

 34.9630, 26.6402,
42.1284

 24.7520, 19.8423,

29.1585

■ 15.9650, 13.3283,
18.4477

■ 2.8670, 8.4466,
-2.5144

■ 199.2190, 25.0350,
43.6579

■ 199.2190, 25.0350,
43.6579

■ 184.5440, 32.2698,
56.5279

■ 213.8940, 17.8003,
30.7880

■ 169.5700, 39.6520,
68.7831

■ 228.8680, 10.4181,
18.5328

■ 154.8950, 46.8868,
81.6531

■ 243.5430, 3.1833,
5.6628

■ 140.2200, 54.1215,
94.5231

■ 252.9350, -1.4470,
-2.5740

■ 125.5450, 61.3563,
107.3930

■ 253.2340, -1.5944,
-1.9592

■ 110.5710, 68.7385,
119.6482

■ 253.5330, -1.7418,
-1.3444

■ 102.3530, 72.7900,
126.8554

Harmonies

Analogous

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



192.4040, 30.8598, -4.7393



199.2190, 25.0350, 43.6579



188.4970, 6.6570, 58.3231

Triad

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



199.2190, 25.0350, 43.6579



189.2010, -48.4131, 34.9037



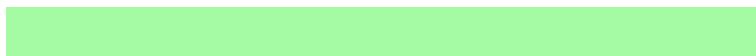
154.8700, 39.9971, -135.8210

Complementary

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



199.2190, 25.0350, 43.6579



214.7810, -25.0350, -43.6579

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.



149.6430, 17.4310, -131.2369



199.2190, 25.0350, 43.6579



184.9680, -41.8892, -4.3569

Square

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



199.2190, 25.0350, 43.6579



188.8030, -37.8639, 58.0548



176.7030, -20.0666, -50.6055



154.1010, 49.7432, -135.1466

Rectangle

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



199.2190, 25.0350, 43.6579



185.3220, -8.0467, 61.1076



176.7030, -20.0666, -50.6055



153.5190, 32.2821, -134.6362

Sweetspot

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



199.2190, 25.0350, 43.6579



240.3250, 7.2348, 12.8700



174.3910, 37.2752, -9.1129



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.



199.2190, 25.0350, 43.6579



193.0660, 30.5335, 53.4391



194.7300, 6.5421, 48.4718



117.3690, 3.7621, 6.6924



77.4590, 54.9897, 96.0675



24.8940, 17.8003, 30.7880

Inverse Universe

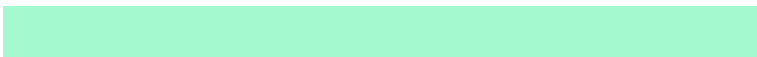
The Inverse Universe completely reimagines the original color for something new.



189.8280, -12.2402, 52.7708



181.6230, -14.6041, 64.3516



219.2700, -6.5421, -48.4718



116.0010, -1.4795, 7.8921



56.7390, -26.9863, 115.9929



18.3530, -8.5550, 37.4014

Previews

White Background



This preview shows how the YUV color 199.2190, 25.0350, 43.6579 looks on a white background.

Color Contrast Check

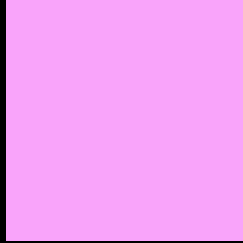
Large Text (above 18pt) WCAG AA × Fail

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 199.2190, 25.0350, 43.6579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

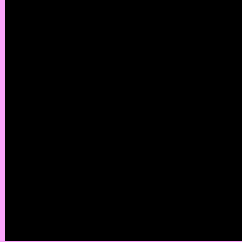
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.2190, 25.0350, 43.6579

Background



This preview shows how black text looks on a background with the YUV color 199.2190, 25.0350, 43.6579.



This preview shows how white text looks on a background with the YUV color 199.2190, 25.0350,

43.6579.

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

199.2190, 25.0350, 43.6579

Protanopia

194.3980, 29.8768, -16.1350

Deuteranopia

195.0740, 24.6135, -7.9579



Tritanopia

197.0310, -3.4663, 38.5608

Trichromacy



Original Color

199.2190, 25.0350, 43.6579



Protanomaly

196.3730, 27.9171, 5.8119



Deuteranomaly

196.8960, 24.7013, 10.6152



Tritanomaly

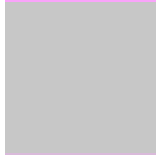
198.0880, 6.8586, 40.2648

Monochromacy



Original Color

199.2190, 25.0350, 43.6579



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.9170, 9.4079, 15.8588

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.2190, 25.0350, 43.6579 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(249, 164, 250)` looks like.

```
.text, #text, p{  
    color:rgb(249, 164, 250)  
}
```

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(249, 164, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 164, 250) }
```

Border

The CSS property to change the border of an element to YUV 199.2190, 25.0350, 43.6579 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(249, 164, 250) }
```


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

```
.border{ border-color:rgb(249, 164, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 164, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 164, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 164, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 164,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 199.2190, 25.0350, 43.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 164, 250) }
```

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

```
.background{ background-color: rgb(249,  
164, 250) }
```

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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