

Converting Colors

YUV(200.5180, 24.8876,
44.2727)

Have a look what the booklet for
YUV(200.5180, 24.8876, 44.2727)
contains.

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Color

**YUV(200.5180, 24.8876,
44.2727)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA5FB
RGB	251, 165, 251
RGB Percent	98%, 65%, 98%
CMY	0.0157, 0.3529, 0.0157
CMYK	0.00, 0.34, 0.00, 0.02
HSL	300°, 91%, 82%
HSV	300°, 34%, 98%
XYZ	70.6514, 54.3845, 98.0403
YIQ	200.5180, 23.6500, 44.9780

Conversions

Conversions Part 2

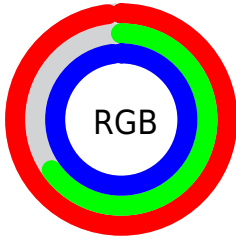
Format	Color
R _Y B	251, 165, 251
Decimal	16492027
CIE Lab	78.69, 44.80, -29.88
CIE LCh	79, 53.851, 326.302
Yxy	54.3845, 0.3167, 0.2438
Android (android.graphics.Color)	4294682107 (0xFFFBA5FB)
YUV	200.5180, 24.8876, 44.2727
Hunter-Lab	73.7459, 41.9546, -27.2001

Details

The YUV color **200.5180, 24.8876, 44.2727** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **215.4820, -24.8876, -44.2727**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0420, 9.8393, 17.5032**, and **144.9800, 24.1669, 42.1135** is the 20% darker color. If you saturate the color by 10%, you get **185.8430, 32.1224, 57.1427**, and if you desaturate by 10%, it is **215.1930, 17.6529, 31.4027**.

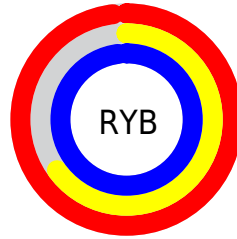
Distribution



Red (98%)

Green (65%)

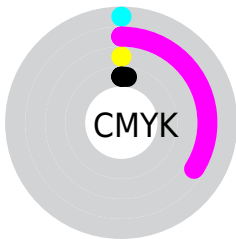
Blue (98%)



Red (98%)

Yellow (65%)

Blue (98%)

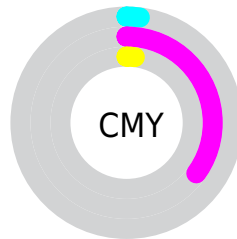


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (35%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.5180, 24.8876, 44.2727 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 200.5180, 24.8876, 44.2727 by changing the saturation by 10% instead.


 200.5180, 24.8876,
44.2727


 200.5180, 24.8876,
44.2727


255.0000, 0.0000,
0.0000


 172.6920, 24.3088,
43.2431


 235.0420, 9.8393,
17.5032


 144.9800, 24.1669,
42.1135

 252.0650, 1.4470,
2.5740

 118.2680, 24.0249,
40.9840

 92.4420, 23.4461,
39.9544

 65.6700, 24.3197,
39.7544

 36.2620, 26.4928,
42.7432

 25.4640, 19.9842,

30.2881

■ 16.3780, 13.6176,
18.9625

■ 2.9810, 8.8834,
-2.6143

■ 200.5180, 24.8876,
44.2727

■ 200.5180, 24.8876,
44.2727

■ 185.8430, 32.1224,
57.1427

■ 215.1930, 17.6529,
31.4027

■ 171.1680, 39.3572,
70.0127

■ 229.8680, 10.4181,
18.5328

■ 156.4930, 46.5920,
82.8826

■ 244.5430, 3.1833,
5.6628

■ 141.8180, 53.8267,
95.7526

■ 253.3480, -1.1576,
-2.0592

■ 127.1430, 61.0615,
108.6226

■ 111.8810, 68.5857,
122.0074

■ 103.6630, 72.6371,
129.2145

Harmonies

Analogous

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



193.5890, 30.2756, -4.0246



200.5180, 24.8876, 44.2727



189.1980, 6.8044, 57.7084

Triad

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



200.5180, 24.8876, 44.2727



190.7880, -48.7025, 34.3889



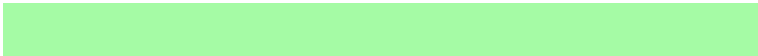
156.2720, 40.2919, -137.0505

Complementary

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



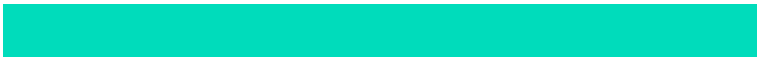
200.5180, 24.8876, 44.2727



215.4820, -24.8876, -44.2727

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.



150.4580, 18.0152, -131.9517



200.5180, 24.8876, 44.2727



185.7830, -41.3050, -5.0717

Square

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



200.5180, 24.8876, 44.2727



190.0910, -38.0059, 56.9252



177.4040, -19.9192, -51.2203



154.6880, 49.4538, -135.6614

Rectangle

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



200.5180, 24.8876, 44.2727



185.9090, -8.3361, 60.5928



177.4040, -19.9192, -51.2203



154.3340, 32.8663, -135.3509

Sweetspot

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



200.5180, 24.8876, 44.2727



240.3250, 7.2348, 12.8700



174.8040, 37.5646, -8.5981



118.6080, 4.6303, 8.2368



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.



200.5180, 24.8876, 44.2727



193.3650, 30.3861, 54.0539



195.6160, 6.1053, 48.5718



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Inverse Universe

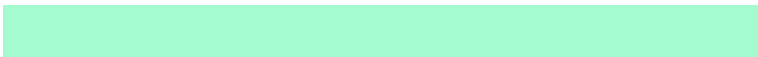
The Inverse Universe completely reimagines the original color for something new.



200.5180, 24.8876, 44.2727



193.3650, 30.3861, 54.0539



220.3840, -6.1053, -48.5718



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 200.5180, 24.8876, 44.2727 looks on a white background.

Color Contrast Check

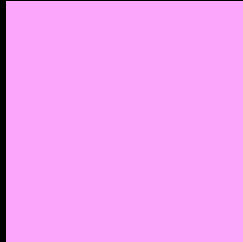
Large Text (above 18pt) WCAG AA × Fail

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 200.5180, 24.8876, 44.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

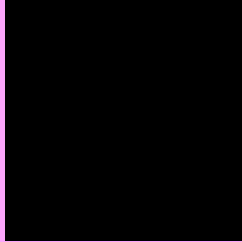
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.5180, 24.8876, 44.2727

Background



This preview shows how black text looks on a background with the YUV color 200.5180, 24.8876, 44.2727.



This preview shows how white text looks on a background with the YUV color 200.5180, 24.8876,

44.2727.

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

200.5180, 24.8876, 44.2727

Protanopia

195.2840, 29.4400, -16.0351

Deuteranopia

196.3730, 24.4661, -7.3431



Tritanopia

198.3300, -3.6137, 39.1756

Trichromacy



Original Color

200.5180, 24.8876, 44.2727



Protanomaly

197.3730, 27.9171, 5.8119



Deuteranomaly

198.1950, 24.5539, 11.2300



Tritanomaly

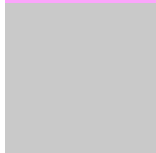
199.3870, 6.7112, 40.8796

Monochromacy



Original Color

200.5180, 24.8876, 44.2727



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.8030, 8.9711, 15.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.5180, 24.8876, 44.2727 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, 165, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 165, 251)  
}
```

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, 165, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 165, 251) }
```

Border

The CSS property to change the border of an element to YUV 200.5180, 24.8876, 44.2727 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, 165, 251) }
```


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

```
.border{ border-color:rgb(251, 165, 251) }
```

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

Here you see how a box with a 4 pixel rgb(251, 165, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 165, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 165, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 165,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 200.5180, 24.8876, 44.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 165, 251) }
```

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

```
.background{ background-color: rgb(251,  
165, 251) }
```

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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