

Converting Colors

YUV(200.6660, 20.3777,
44.1429)

Have a look what the booklet for
YUV(200.6660, 20.3777, 44.1429)
contains.

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Color

**YUV(200.6660, 20.3777,
44.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA7F2
RGB	251, 167, 242
RGB Percent	98%, 65%, 95%
CMY	0.0157, 0.3451, 0.0510
CMYK	0.00, 0.33, 0.04, 0.02
HSL	306°, 91%, 82%
HSV	306°, 33%, 98%
XYZ	69.6294, 54.5575, 90.8652
YIQ	200.6660, 25.9890, 41.1330

Conversions

Conversions Part 2

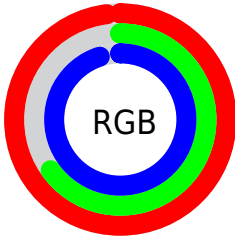
Format	Color
R _{YB}	251, 167, 242
Decimal	16492530
CIE _{Lab}	78.79, 42.18, -24.87
CIE _{LCh}	79, 48.964, 329.470
Yxy	54.5575, 0.3238, 0.2537
Android (android.graphics.Color)	4294682610 (0xFFFB7F2)
YUV	200.6660, 20.3777, 44.1429
Hunter-Lab	73.8630, 39.0085, -21.2335

Details

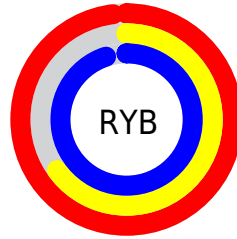
The YUV color **200.6660, 20.3777, 44.1429** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **217.3340, -20.3777, -44.1429**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2160, 9.2605, 16.4736**, and **145.2420, 20.0937, 41.8838** is the 20% darker color. If you saturate the color by 10%, you get **185.6490, 26.3020, 57.3128**, and if you desaturate by 10%, it is **215.6830, 14.4533, 30.9730**.

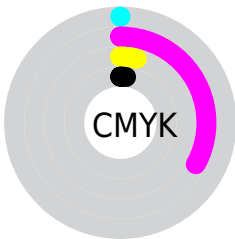
Distribution



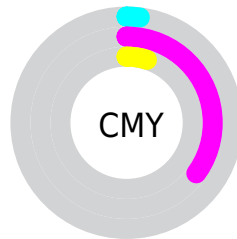
- Red (98%)
- Green (65%)
- Blue (95%)



- Red (98%)
- Yellow (65%)
- Blue (95%)



- Cyan (0%)
- Magenta (33%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.6660, 20.3777, 44.1429 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 200.6660, 20.3777, 44.1429 by changing the saturation by 10% instead.


 200.6660, 20.3777,
44.1429

 200.6660, 20.3777,
44.1429


255.0000, 0.0000,
0.0000


 172.9540, 20.2357,
43.0133


 236.2160, 9.2605,
16.4736


 145.2420, 20.0937,
41.8838

 253.2390, 0.8682,
1.5444

 119.1170, 19.6623,
40.2394

 92.7040, 19.3729,
39.7246

 67.1060, 19.6677,
38.4950

 38.2850, 21.5515,
40.9691

 24.6660, 16.9267,

30.9879

■ 15.8790, 10.4127,
20.2771

■ 2.0690, 5.3890,
-1.8145

■ 200.6660, 20.3777,
44.1429

■ 200.6660, 20.3777,
44.1429

■ 185.6490, 26.3020,
57.3128

■ 215.6830, 14.4533,
30.9730

■ 170.7460, 32.6632,
70.3828

■ 230.5860, 8.0921,
17.9031

■ 155.7290, 38.5876,
83.5527

■ 245.6030, 2.1677,
4.7332

■ 140.7120, 44.5120,
96.7226

■ 253.5760, -0.2840,
-2.2592

■ 125.2220, 51.1626,
110.3073

■ 253.8040, 0.5896,
-2.4591

■ 110.2050, 57.0869,
123.4772

■ 100.5850, 60.8436,
131.9140

Harmonies

Analogous

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



195.6930, 29.2384, 2.0232



200.6660, 20.3777, 44.1429



191.5630, 3.1734, 55.6342

Triad

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



200.6660, 20.3777, 44.1429



191.3080, -44.0288, 28.6709



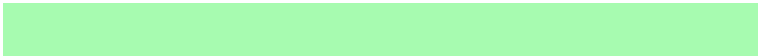
155.0980, 40.8707, -136.0209

Complementary

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



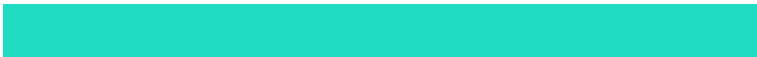
200.6660, 20.3777, 44.1429



217.3340, -20.3777, -44.1429

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.



159.8240, 16.3558, -112.9786



200.6660, 20.3777, 44.1429



186.7270, -36.3474, -8.5306

Square

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



200.6660, 20.3777, 44.1429



193.0090, -36.9794, 54.3661



179.1420, -15.8460, -50.9905



153.5140, 50.0326, -134.6318

Rectangle

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



200.6660, 20.3777, 44.1429



188.6160, -10.6567, 58.2188



179.1420, -15.8460, -50.9905



154.0890, 34.4661, -135.1361

Sweetspot

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



200.6660, 20.3777, 44.1429



239.9830, 5.9244, 13.1699



178.9680, 35.5118, -3.4799



118.3800, 3.7567, 8.4367



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.



200.6660, 20.3777, 44.1429



193.8720, 24.7131, 53.6093



195.9920, 2.4689, 48.2420



117.2550, 3.3253, 6.7924



75.6630, 45.5221, 99.3965



24.5090, 15.0321, 32.0026

Inverse Universe

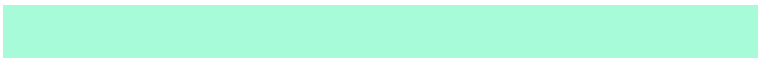
The Inverse Universe completely reimagines the original color for something new.



200.6660, 20.3777, 44.1429



193.8720, 24.7131, 53.6093



222.0080, -2.4689, -48.2420



117.2550, 3.3253, 6.7924



75.6630, 45.5221, 99.3965



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 200.6660, 20.3777, 44.1429 looks on a white background.

Color Contrast Check

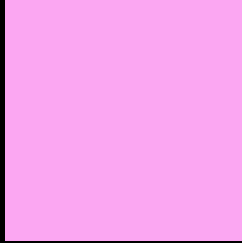
Large Text (above 18pt) WCAG AA × Fail

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 200.6660, 20.3777, 44.1429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

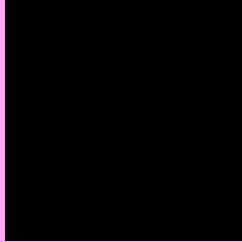
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.6660, 20.3777, 44.1429

Background



This preview shows how black text looks on a background with the YUV color 200.6660, 20.3777, 44.1429.



This preview shows how white text looks on a background with the YUV color 200.6660, 20.3777,

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

200.6660, 20.3777, 44.1429

Protanopia

195.5830, 29.2926, -15.4203

Deuteranopia

196.9560, 20.2347, -3.4694



Tritanopia

198.6290, -3.7611, 39.7904

Trichromacy



Original Color

200.6660, 20.3777, 44.1429



Protanomaly

197.8030, 25.7331, 6.3118



Deuteranomaly

198.0660, 20.1805, 13.9741



Tritanomaly

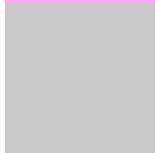
199.3440, 5.2534, 41.7943

Monochromacy



Original Color

200.6660, 20.3777, 44.1429



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

201.0480, 7.3713, 15.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6660, 20.3777, 44.1429 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, 167, 242)` looks like.

```
.text, #text, p{  
    color:rgb(251, 167, 242)  
}
```

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, 167, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 167, 242) }
```

Border

The CSS property to change the border of an element to YUV 200.6660, 20.3777, 44.1429 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, 167, 242) }
```


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

```
.border{ border-color:rgb(251, 167, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 167, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 167, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 167, 242);  
box-shadow:4px 4px 4px 4px rgb(251, 167,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 200.6660, 20.3777, 44.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 167, 242) }
```

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

```
.background{ background-color: rgb(251,  
167, 242) }
```

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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