

Converting Colors

YUV(195.8230, 22.2723,
43.1282)

Have a look what the booklet for
YUV(195.8230, 22.2723, 43.1282)
contains.

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Color

**YUV(195.8230, 22.2723,
43.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A2F1
RGB	245, 162, 241
RGB Percent	96%, 64%, 95%
CMY	0.0392, 0.3647, 0.0549
CMYK	0.00, 0.34, 0.02, 0.04
HSL	303°, 81%, 80%
HSV	303°, 34%, 96%
XYZ	66.4537, 51.6040, 89.6772
YIQ	195.8230, 24.1090, 42.1650

Conversions

Conversions Part 2

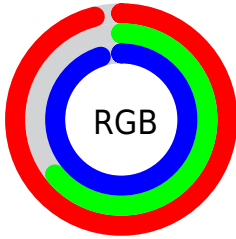
Format	Color
R _Y B	245, 162, 241
Decimal	16098033
CIE Lab	77.04, 42.73, -27.05
CIE LCh	77, 50.571, 327.660
Yxy	51.6040, 0.3199, 0.2484
Android (android.graphics.Color)	4294288113 (0xFFF5A2F1)
YUV	195.8230, 22.2723, 43.1282
Hunter-Lab	71.8359, 39.4132, -23.7302

Details

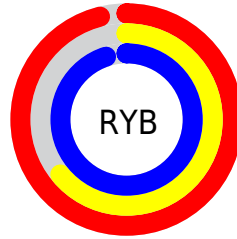
The YUV color **195.8230, 22.2723, 43.1282** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **211.1770, -22.2723, -43.1282**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.7075, 19.0476**, and **140.9860, 21.6989, 40.3543** is the 20% darker color. If you saturate the color by 10%, you get **181.6210, 28.7808, 55.5834**, and if you desaturate by 10%, it is **210.6120, 15.4743, 30.1583**.

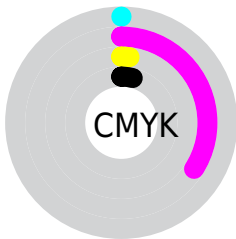
Distribution



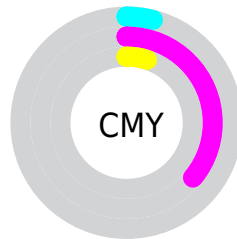
- Red (96%)
- Green (64%)
- Blue (95%)



- Red (96%)
- Yellow (64%)
- Blue (95%)



- Cyan (0%)
- Magenta (34%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.8230, 22.2723, 43.1282 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 195.8230, 22.2723, 43.1282 by changing the saturation by 10% instead.


 195.8230, 22.2723,
43.1282

 195.8230, 22.2723,
43.1282


255.0000, 0.0000,
0.0000


 168.1110, 22.1303,
41.9987


 233.2810, 10.7075,
19.0476


 140.9860, 21.6989,
40.3543

 250.3040, 2.3151,
4.1184

 114.5730, 21.4095,
39.8395

 87.8610, 21.2675,
38.7099

 62.5620, 21.4149,
38.0951

 33.1540, 23.5881,
41.0839

 23.0570, 17.2269,

28.0140

■ 13.9710, 10.8603,
16.6884

■ 1.2540, 4.8048,
-1.0998

■ 195.8230, 22.2723,
43.1282

■ 195.8230, 22.2723,
43.1282

■ 181.6210, 28.7808,
55.5834

■ 210.6120, 15.4743,
30.1583

■ 166.8320, 35.5788,
68.5533

■ 224.8140, 8.9657,
17.7031

■ 151.9290, 41.9400,
81.6233

■ 239.7170, 2.6045,
4.6332

■ 137.7270, 48.4486,
94.0784

■ 250.9840, -2.4571,
-5.2480

123.5250, 54.9572,
106.5336

251.0980, -2.0203,
-5.3479

108.7360, 61.7552,
119.5035

251.2120, -1.5835,
-5.4479

99.8170, 65.6592,
127.3255

251.3260, -1.1467,
-5.5479

251.4400, -0.7099,
-5.6479

251.6680, 0.1637,
-5.8478

Harmonies

Analogous

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



190.3550, 31.8700, -2.0653



195.8230, 22.2723, 43.1282



187.8130, 4.0362, 58.9230

Triad

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



195.8230, 22.2723, 43.1282



186.3900, -45.0553, 31.2300



152.0660, 39.4075, -133.3619

Complementary

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



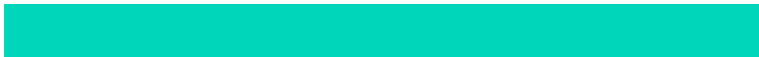
195.8230, 22.2723, 43.1282



211.1770, -22.2723, -43.1282

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.



146.7080, 18.8780, -128.6629



195.8230, 22.2723, 43.1282



181.6950, -37.8106, -5.8715

Square

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



195.8230, 22.2723, 43.1282



188.2160, -37.5745, 58.5696



173.9850, -17.7406, -49.9758



151.1660, 51.1902, -132.5726

Rectangle

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



195.8230, 22.2723, 43.1282



184.7520, -10.2307, 61.6075



173.9850, -17.7406, -49.9758



150.3560, 32.8555, -131.8622

Sweetspot

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



195.8230, 22.2723, 43.1282



240.2110, 6.7980, 12.9700



172.3590, 35.8120, -6.4538



118.4940, 4.1935, 8.3368



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.



195.8230, 22.2723, 43.1282



192.7950, 28.2021, 54.5538



191.2630, 4.8003, 47.1273



114.9560, 3.4727, 6.1776



75.7920, 49.8955, 96.6524



24.0250, 15.7637, 30.6731

Inverse Universe

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



195.8230, 22.2723, 43.1282



192.7950, 28.2021, 54.5538



215.7370, -4.8003, -47.1273



114.9560, 3.4727, 6.1776



75.7920, 49.8955, 96.6524



24.0250, 15.7637, 30.6731

Previews

White Background



This preview shows how the YUV color 195.8230, 22.2723, 43.1282 looks on a white background.

Color Contrast Check

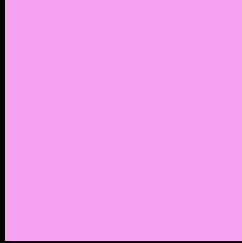
Large Text (above 18pt) WCAG AA × Fail

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 195.8230, 22.2723, 43.1282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

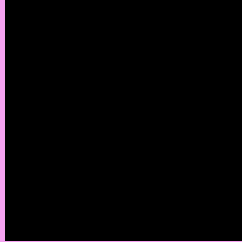
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.8230, 22.2723, 43.1282

Background



This preview shows how black text looks on a background with the YUV color 195.8230, 22.2723, 43.1282.



This preview shows how white text looks on a background with the YUV color 195.8230, 22.2723,

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

195.8230, 22.2723, 43.1282

Protanopia

190.5550, 31.7714, -17.1497

Deuteranopia

192.2870, 21.5505, -5.5137



Tritanopia

193.9170, -3.9031, 38.6608

Trichromacy



Original Color

195.8230, 22.2723, 43.1282



Protanomaly

192.7750, 28.2119, 4.5823



Deuteranomaly

193.5110, 21.9331, 11.8299



Tritanomaly

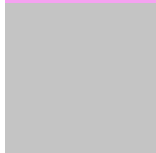
194.7460, 5.5482, 40.5648

Monochromacy



Original Color

195.8230, 22.2723, 43.1282



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.1620, 7.8081, 15.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.8230, 22.2723, 43.1282 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(245, 162, 241)` looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 241)  
}
```

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(245, 162, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 241) }
```

Border

The CSS property to change the border of an element to YUV 195.8230, 22.2723, 43.1282 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(245, 162, 241) }
```


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

```
.border{ border-color:rgb(245, 162, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 162, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 195.8230, 22.2723, 43.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 241) }
```

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

```
.background{ background-color: rgb(245,  
162, 241) }
```

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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