

Converting Colors

YUV(193.3930, 24.4563,
42.6283)

Have a look what the booklet for
YUV(193.3930, 24.4563, 42.6283)
contains.

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Color

**YUV(193.3930, 24.4563,
42.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	F29FF3
RGB	242, 159, 243
RGB Percent	95%, 62%, 95%
CMY	0.0510, 0.3765, 0.0471
CMYK	0.00, 0.35, 0.00, 0.05
HSL	299°, 78%, 79%
HSV	299°, 35%, 95%
XYZ	65.1937, 50.1446, 91.0368
YIQ	193.3930, 22.5040, 43.7200

Conversions

Conversions Part 2

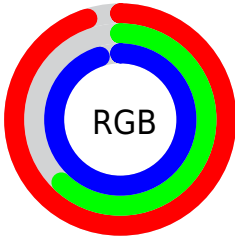
Format	Color
R_{YB}	242, 159, 243
Decimal	15900659
CIE _{Lab}	76.16, 43.72, -29.52
CIE _{LCh}	76, 52.755, 325.971
Yxy	50.1446, 0.3159, 0.2430
Android (android.graphics.Color)	4294090739 (0xFFFF29FF3)
YUV	193.3930, 24.4563, 42.6283
Hunter-Lab	70.8128, 40.4133, -26.6541

Details

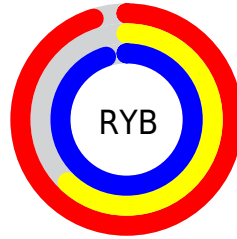
The YUV color **193.3930, 24.4563, 42.6283** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **208.6070, -24.4563, -42.6283**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5200, 11.5756, 20.5920**, and **138.8550, 23.7355, 40.4692** is the 20% darker color. If you saturate the color by 10%, you get **179.3050, 31.4016, 54.9835**, and if you desaturate by 10%, it is **207.4810, 17.5109, 30.2732**.

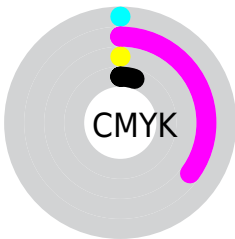
Distribution



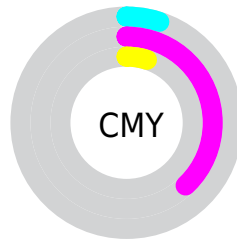
- Red (95%)
- Green (62%)
- Blue (95%)



- Red (95%)
- Yellow (62%)
- Blue (95%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (38%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.3930, 24.4563, 42.6283 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 193.3930, 24.4563, 42.6283 by changing the saturation by 10% instead.


 193.3930, 24.4563,
42.6283

 193.3930, 24.4563,
42.6283


255.0000, 0.0000,
0.0000


 165.5670, 23.8775,
41.5987


 231.5200, 11.5756,
20.5920


 138.8550, 23.7355,
40.4692

 248.5430, 3.1833,
5.6628

 112.0290, 23.1567,
39.4396

 85.7300, 23.3041,
38.8248

 59.5450, 23.8883,
38.1100

 32.4850, 24.9039,
39.0397

 22.2740, 18.1059,

26.0697

■ 13.1880, 11.7393,
14.7441

■ 2.0690, 5.3890,
-1.8145

■ 193.3930, 24.4563,
42.6283

■ 193.3930, 24.4563,
42.6283

■ 179.3050, 31.4016,
54.9835

■ 207.4810, 17.5109,
30.2732

■ 164.3310, 38.7838,
67.2387

■ 222.4550, 10.1287,
18.0180

■ 150.2430, 45.7292,
79.5939

■ 236.5430, 3.1833,
5.6628

■ 136.1550, 52.6746,
91.9491

■ 250.0440, -3.4727,
-6.1776

■ 122.0670, 59.6200,
104.3042

■ 250.3430, -3.6201,
-5.5628

■ 107.0930, 67.0022,
116.5594

■ 250.6420, -3.7675,
-4.9480

■ 99.4620, 70.7642,
123.2518

Harmonies

Analogous

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



187.6750, 33.1912, -5.8540



193.3930, 24.4563, 42.6283



185.4650, 5.1938, 60.9822

Triad

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



193.3930, 24.4563, 42.6283



184.1300, -47.3921, 34.0890



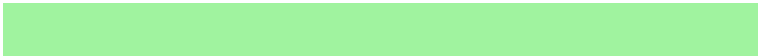
150.5500, 38.6759, -132.0323

Complementary

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



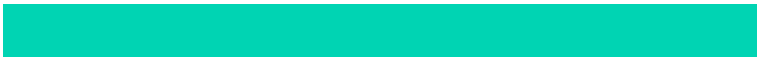
193.3930, 24.4563, 42.6283



208.6070, -24.4563, -42.6283

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.



144.8500, 16.8360, -127.0335



193.3930, 24.4563, 42.6283



179.3100, -40.5788, -4.6569

Square

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



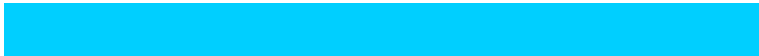
193.3930, 24.4563, 42.6283



185.4120, -38.1641, 61.0287



171.4150, -19.9246, -49.4760



150.5790, 51.4796, -132.0578

Rectangle

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



193.3930, 24.4563, 42.6283



181.7030, -9.2206, 64.2815



171.4150, -19.9246, -49.4760



149.3130, 31.3977, -130.9475

Sweetspot

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



193.3930, 24.4563, 42.6283



240.3250, 7.2348, 12.8700



169.1630, 36.4016, -8.9130



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.



193.3930, 24.4563, 42.6283



193.0660, 30.5335, 53.4391



189.0180, 6.4001, 47.3422



114.9560, 3.4727, 6.1776



76.2200, 54.1215, 94.5231



24.0680, 17.2215, 29.7584

Inverse Universe

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



184.2300, -11.9454, 51.5413



181.6230, -14.6041, 64.3516



212.9820, -6.4001, -47.3422



113.5880, -1.7689, 7.3773



55.8420, -26.5441, 114.1486



17.7550, -8.2602, 36.1719

Previews

White Background



This preview shows how the YUV color 193.3930, 24.4563, 42.6283 looks on a white background.

Color Contrast Check

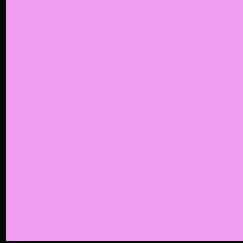
Large Text (above 18pt) WCAG AA × Fail

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 193.3930, 24.4563, 42.6283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

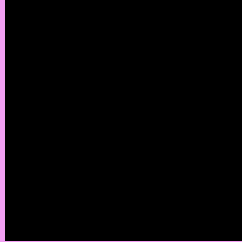
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.3930, 24.4563, 42.6283

Background



This preview shows how black text looks on a background with the YUV color 193.3930, 24.4563, 42.6283.



This preview shows how white text looks on a background with the YUV color 193.3930, 24.4563,

42.6283.

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

193.3930, 24.4563, 42.6283

Protanopia

188.4840, 32.7924, -17.9645

Deuteranopia

189.5470, 23.8873, -8.3727



Tritanopia

191.3190, -3.6083, 37.4312

Trichromacy



Original Color

193.3930, 24.4563, 42.6283



Protanomaly

190.2310, 29.9591, 4.1824



Deuteranomaly

191.3690, 23.9751, 10.2004



Tritanomaly

192.2620, 6.2798, 39.2352

Monochromacy



Original Color

193.3930, 24.4563, 42.6283



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.3900, 8.6817, 15.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.3930, 24.4563, 42.6283 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(242, 159, 243)` looks like.

```
.text, #text, p{  
    color:rgb(242, 159, 243)  
}
```

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(242, 159, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 159, 243) }
```

Border

The CSS property to change the border of an element to YUV 193.3930, 24.4563, 42.6283 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(242, 159, 243) }
```


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

```
.border{ border-color:rgb(242, 159, 243) }
```

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

Here you see how a box with a 4 pixel rgb(242, 159, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 159, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 159, 243);  
box-shadow:4px 4px 4px 4px rgb(242, 159,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 193.3930, 24.4563, 42.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 159, 243) }
```

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

```
.background{ background-color: rgb(242,  
159, 243) }
```

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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