

Converting Colors

YUV(190.0080, 21.6881,
43.8430)

Have a look what the booklet for
YUV(190.0080, 21.6881, 43.8430)
contains.

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Color

**YUV(190.0080, 21.6881,
43.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	F09CEA
RGB	240, 156, 234
RGB Percent	94%, 61%, 92%
CMY	0.0588, 0.3882, 0.0824
CMYK	0.00, 0.35, 0.03, 0.06
HSL	304°, 74%, 78%
HSV	304°, 35%, 94%
XYZ	62.6749, 48.2427, 83.8503
YIQ	190.0080, 25.0260, 42.0660

Conversions

Conversions Part 2

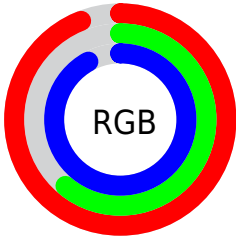
Format	Color
R _Y B	240, 156, 234
Decimal	15768810
CIE _{Lab}	74.98, 43.05, -26.46
CIE _{LCh}	75, 50.536, 328.424
Y _{xy}	48.2427, 0.3218, 0.2477
Android (android.graphics.Color)	4293958890 (0xFFFF09CEA)
YUV	190.0080, 21.6881, 43.8430
Hunter-Lab	69.4570, 39.5209, -22.9566

Details

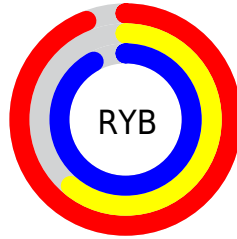
The YUV color **190.0080, 21.6881, 43.8430** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **205.9920, -21.6881, -43.8430**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **135.4700, 20.9673, 41.6838** is the 20% darker color. If you saturate the color by 10%, you get **175.6920, 27.7598, 56.3981**, and if you desaturate by 10%, it is **204.3240, 15.6163, 31.2879**.

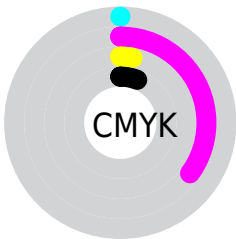
Distribution



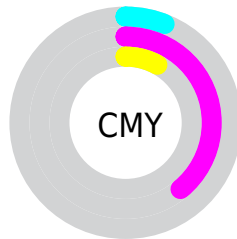
- Red (94%)
- Green (61%)
- Blue (92%)



- Red (94%)
- Yellow (61%)
- Blue (92%)



- Cyan (0%)
- Magenta (35%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0080, 21.6881, 43.8430 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 190.0080, 21.6881, 43.8430 by changing the saturation by 10% instead.

 190.0080, 21.6881,
43.8430


 190.0080, 21.6881,
43.8430

255.0000, 0.0000,
0.0000


 162.2960, 21.5461,
42.7134


 229.7590, 12.4438,
22.1364


 135.4700, 20.9673,
41.6838

 246.7820, 4.0515,
7.2072

 108.7580, 20.8253,
40.5542

 83.0460, 20.6833,
39.4247

 56.2740, 21.5569,
39.2247

 31.3880, 21.9937,
39.1247

 21.2910, 15.6325,

26.0548

■ 11.3080, 9.7082,
12.8849

■ 0.1140, 0.4368,
-0.1000

■ 190.0080, 21.6881,
43.8430

■ 190.0080, 21.6881,
43.8430

■ 175.6920, 27.7598,
56.3981

■ 204.3240, 15.6163,
31.2879

■ 161.4900, 34.2684,
68.8533

■ 218.5260, 9.1077,
18.8327

■ 147.1740, 40.3402,
81.4084

■ 232.8420, 3.0359,
6.2776

■ 132.8580, 46.4120,
93.9635

■ 247.1580, -3.0359,
-6.2776

■ 118.5420, 52.4838,
106.5187

■ 249.1470, -3.0305,
-8.0219

■ 104.3400, 58.9924,
118.9738

■ 249.2610, -2.5937,
-8.1219

■ 97.1820, 62.0283,
125.2514

■ 249.4890, -1.7201,
-8.3219

■ 249.7170, -0.8465,
-8.5218

■ 249.8310, -0.4097,
-8.6218

Harmonies

Analogous

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



185.6370, 34.1960, -1.4356



190.0080, 21.6881, 43.8430



183.4930, 2.7150, 62.7116

Triad

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



190.0080, 21.6881, 43.8430



180.6780, -45.1973, 30.1004



147.9740, 38.9598, -129.7732

Complementary

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



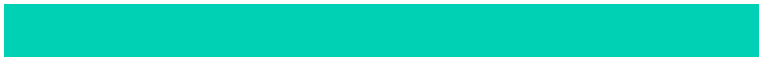
190.0080, 21.6881, 43.8430



205.9920, -21.6881, -43.8430

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.



142.6160, 18.4303, -125.0742



190.0080, 21.6881, 43.8430



176.0970, -37.5158, -7.1011

Square

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



190.0080, 21.6881, 43.8430



183.4010, -38.1587, 59.2843



167.9140, -16.7196, -50.7906



147.6440, 52.9265, -129.4838

Rectangle

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



190.0080, 21.6881, 43.8430



180.5460, -11.1152, 65.2962



167.9140, -16.7196, -50.7906



146.2640, 32.4078, -128.2735

Sweetspot

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



190.0080, 21.6881, 43.8430



238.3360, 7.2294, 14.6143



167.3700, 35.8066, -4.7095



117.7930, 4.0461, 8.9515



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.



190.0080, 21.6881, 43.8430



191.2790, 27.4705, 55.8833



185.2200, 3.3425, 48.0421



112.8420, 3.0359, 6.2776



74.3960, 47.1328, 96.1227



22.6720, 14.4587, 29.2287

Inverse Universe

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



190.0080, 21.6881, 43.8430



191.2790, 27.4705, 55.8833



210.7800, -3.3425, -48.0421



112.8420, 3.0359, 6.2776



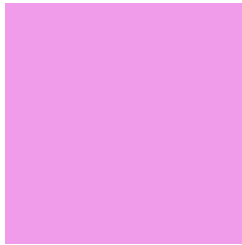
74.3960, 47.1328, 96.1227



22.6720, 14.4587, 29.2287

Previews

White Background



This preview shows how the YUV color 190.0080, 21.6881, 43.8430 looks on a white background.

Color Contrast Check

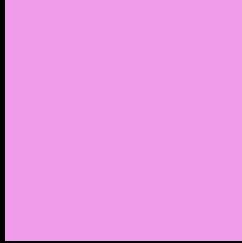
Large Text (above 18pt) WCAG AA × Fail

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 190.0080, 21.6881, 43.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

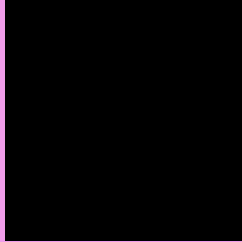
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.0080, 21.6881, 43.8430

Background



This preview shows how black text looks on a background with the YUV color 190.0080, 21.6881, 43.8430.



This preview shows how white text looks on a background with the YUV color 190.0080, 21.6881,

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

190.0080, 21.6881, 43.8430

Protanopia

184.8260, 34.1028, -18.2644

Deuteranopia

186.1730, 21.1137, -5.4137



Tritanopia

188.2160, -4.0505, 39.2756

Trichromacy



Original Color

190.0080, 21.6881, 43.8430



Protanomaly

187.1170, 29.5223, 4.2824



Deuteranomaly

187.6960, 21.3489, 12.5446



Tritanomaly

189.0450, 5.4008, 41.1795

Monochromacy



Original Color

190.0080, 21.6881, 43.8430



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.1620, 7.8081, 15.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0080, 21.6881, 43.8430 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(240, 156, 234)` looks like.

```
.text, #text, p{  
    color:rgb(240, 156, 234)  
}
```

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(240, 156, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 156, 234) }
```

Border

The CSS property to change the border of an element to YUV 190.0080, 21.6881, 43.8430 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(240, 156, 234) }
```


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

```
.border{ border-color:rgb(240, 156, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 156, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 156, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 156, 234);  
box-shadow:4px 4px 4px 4px rgb(240, 156,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 190.0080, 21.6881, 43.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 156, 234) }
```

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

```
.background{ background-color: rgb(240,  
156, 234) }
```

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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