

# Converting Colors

YUV(207.5820, 20.9121,  
12.6446)

Have a look what the booklet for  
YUV(207.5820, 20.9121, 12.6446)  
contains.

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# Color

**YUV(207.5820, 20.9121,  
12.6446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEC0FA
RGB	222, 192, 250
RGB Percent	87%, 75%, 98%
CMY	0.1294, 0.2471, 0.0196
CMYK	0.11, 0.23, 0.00, 0.02
HSL	271°, 85%, 87%
HSV	271°, 23%, 98%
XYZ	66.2292, 60.1310, 98.5583
YIQ	207.5820, -0.7380, 24.3980

# Conversions

## Conversions Part 2

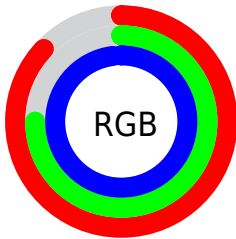
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	222, 192, 250
Decimal	14598394
CIE <sub>Lab</sub>	81.91, 21.25, -24.66
CIE <sub>LCh</sub>	82, 32.553, 310.757
Yxy	60.1310, 0.2945, 0.2673
Android (android.graphics.Color)	4292788474 (0xFFDEC0FA)
YUV	207.5820, 20.9121, 12.6446
Hunter-Lab	77.5442, 16.7515, -21.0764

# Details

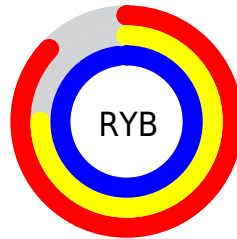
The YUV color  $207.5820, 20.9121, 12.6446$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $234.4180, -20.9121, -12.6446$ , and the grayscale version is  $207.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.4780, 1.7363, 3.0888$ , and  $152.6420, 19.8965, 11.7150$  is the 20% darker color. If you saturate the color by 10%, you get  $189.3190, 29.9157, 18.1372$ , and if you desaturate by 10%, it is  $225.8450, 11.9084, 7.1519$ .

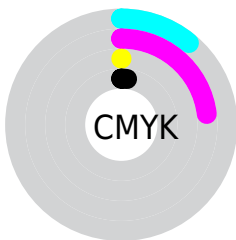
# Distribution



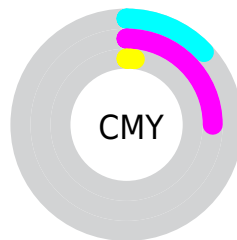
- Red (87%)
- Green (75%)
- Blue (98%)



- Red (87%)
- Yellow (75%)
- Blue (98%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (25%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 207.5820, 20.9121, 12.6446 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 207.5820, 20.9121, 12.6446 by changing the saturation by 10% instead.



207.5820, 20.9121,  
12.6446

207.5820, 20.9121,  
12.6446

255.0000, 0.0000,  
0.0000

180.0550, 20.1859,  
12.2298

251.4780, 1.7363,  
3.0888

152.6420, 19.8965,  
11.7150

127.1150, 19.1703,  
11.3001

101.7020, 18.8809,  
10.7853

77.7620, 17.8653,  
9.8557

53.9360, 17.2866,  
8.8261

32.1100, 16.7078,

7.7965

■ 11.7790, 15.3920,  
9.8408

■ 3.0950, 9.3202,  
-2.7143

■ 207.5820, 20.9121,  
12.6446

■ 207.5820, 20.9121,  
12.6446

■ 189.3190, 29.9157,  
18.1372

■ 225.8450, 11.9084,  
7.1519

■ 171.0560, 38.9194,  
23.6299

■ 244.1080, 2.9048,  
1.6593

■ 152.7930, 47.9231,  
29.1225

■ 254.4300, -2.1840,  
0.4999

■ 134.5300, 56.9267,  
34.6152

■ 116.2670, 65.9304,  
40.1078

■ 98.0040, 74.9340,  
45.6005

■ 79.7410, 83.9377,  
51.0931

■ 67.0710, 90.1840,  
54.3117

# Harmonies

## Analogous

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



202.3500, 25.9565, -18.7239



207.5820, 20.9121, 12.6446



209.0060, 7.8850, 37.7057

# Triad

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



207.5820, 20.9121, 12.6446



203.8800, -28.0418, 34.3082



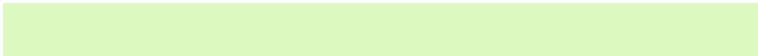
188.8070, 12.4201, -63.8517

# Complementary

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



207.5820, 20.9121, 12.6446



234.4180, -20.9121, -12.6446

# 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.



192.7700, -4.8166, -41.8943



207.5820, 20.9121, 12.6446



200.6230, -28.4081, 11.7316

# Square

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



207.5820, 20.9121, 12.6446



204.2370, -19.3438, 44.5192



197.3360, -19.8856, -15.2037



188.4440, 26.4031, -68.7954



# Rectangle

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



207.5820, 20.9121, 12.6446



205.7480, -0.8618, 43.1940



197.3360, -19.8856, -15.2037



189.9450, 6.4361, -57.8338

# Sweetspot

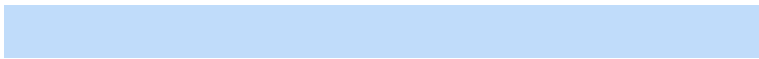
The Sweet Spot groups the original color and five complimentary colors.



207.5820, 20.9121, 12.6446



241.7430, 6.5357, 3.7334



215.0480, 17.2313, -20.2131



120.0480, 3.9203, 2.5889



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.



207.5820, 20.9121, 12.6446



203.1570, 25.5586, 15.6483



215.8400, 16.3479, 29.9583



115.5750, 4.6465, 3.0037



50.8480, 68.1089, 41.3523



16.5220, 21.9277, 13.5742



# Inverse Universe

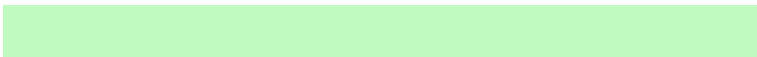
The Inverse Universe completely reimagines the original color for something new.



212.5340, 3.6807, 32.8577



209.1050, 4.3852, 40.2499



226.1600, -16.3479, -29.9583



116.5710, 0.7045, 7.3922



66.8850, 11.8887, 107.0949



21.6590, 4.1121, 34.5021



# Previews

## White Background



This preview shows how the YUV color 207.5820, 20.9121, 12.6446 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

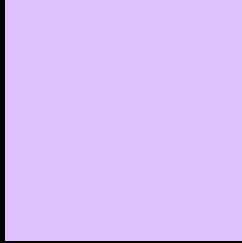
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.5820, 20.9121, 12.6446 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

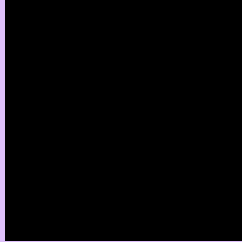
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 207.5820, 20.9121, 12.6446

## Background



This preview shows how black text looks on a background with the YUV color 207.5820, 20.9121, 12.6446.



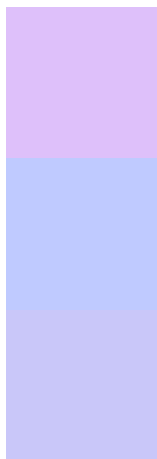
This preview shows how white text looks on a background with the YUV color 207.5820, 20.9121,



# 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

207.5820, 20.9121, 12.6446

### Protanopia

204.7530, 24.7718, -12.0614

### Deuteranopia

205.2980, 21.5451, -3.7693



## **Tritanopia**

205.7930, 4.0461, 8.9515

# Trichromacy



## Original Color

207.5820, 20.9121, 12.6446

## Protanomaly

205.4660, 23.4343, -3.0397

## Deuteranomaly

205.9290, 21.2340, 2.6933

## Tritanomaly

206.1120, 10.2978, 10.4258

# Monochromacy



## Original Color

207.5820, 20.9121, 12.6446

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

207.6830, 7.5513, 4.6630

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.5820, 20.9121, 12.6446 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(222, 192, 250)` looks like.

```
.text, #text, p{  
    color:rgb(222, 192, 250)  
}
```

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(222, 192, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 192, 250) }
```

## Border

The CSS property to change the border of an element to YUV 207.5820, 20.9121, 12.6446 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(222, 192, 250) }
```



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

```
.border{ border-color:rgb(222, 192, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 192, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 192, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 192, 250);  
box-shadow:4px 4px 4px 4px rgb(222, 192,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 207.5820, 20.9121, 12.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 192, 250) }
```

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

```
.background{ background-color: rgb(222,  
192, 250) }
```

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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