

Converting Colors

YUV(210.0020, 20.7050,
32.4472)

Have a look what the booklet for
YUV(210.0020, 20.7050, 32.4472)
contains.

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Color

**YUV(210.0020, 20.7050,
32.4472)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B7FC
RGB	247, 183, 252
RGB Percent	97%, 72%, 99%
CMY	0.0314, 0.2824, 0.0118
CMYK	0.02, 0.27, 0.00, 0.01
HSL	296°, 92%, 85%
HSV	296°, 27%, 99%
XYZ	72.8619, 60.6694, 99.9656
YIQ	210.0020, 15.9950, 35.0270

Conversions

Conversions Part 2

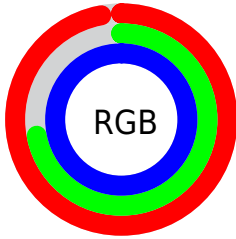
Format	Color
R _Y B	247, 183, 252
Decimal	16234492
CIE Lab	82.20, 34.33, -25.07
CIE LCh	82, 42.508, 323.855
Yxy	60.6694, 0.3120, 0.2598
Android (android.graphics.Color)	4294424572 (0xFFF7B7FC)
YUV	210.0020, 20.7050, 32.4472
Hunter-Lab	77.8906, 30.6675, -21.5700

Details

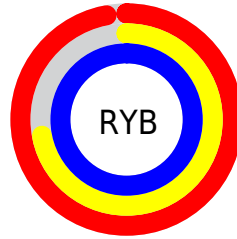
The YUV color **210.0020, 20.7050, 32.4472** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **224.9980, -20.7050, -32.4472**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.1950, 4.3409, 7.7220**, and **154.7630, 19.8368, 30.9028** is the 20% darker color. If you saturate the color by 10%, you get **194.7290, 28.2346, 44.0877**, and if you desaturate by 10%, it is **225.2750, 13.1754, 20.8068**.

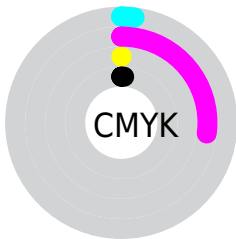
Distribution



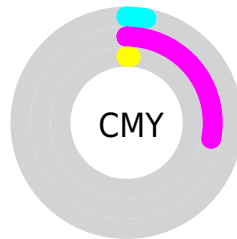
- Red (97%)
- Green (72%)
- Blue (99%)



- Red (97%)
- Yellow (72%)
- Blue (99%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)





- Cyan (3%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 210.0020, 20.7050, 32.4472 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 210.0020, 20.7050, 32.4472 by changing the saturation by 10% instead.

 210.0020, 20.7050,
32.4472


 210.0020, 20.7050,
32.4472


255.0000, 0.0000,
0.0000


 182.1760, 20.1262,
31.4176


 246.1950, 4.3409,
7.7220

 154.7630, 19.8368,
30.9028

 128.0510, 19.6949,
29.7733

 102.2250, 19.1161,
28.7437

 77.5130, 18.9741,
27.6141

 53.1000, 18.6847,
27.0993

 27.6270, 19.4109,

27.5141

■ 16.4920, 14.0544,
18.8625

■ 3.2090, 9.7570,
-2.8143

■ 210.0020, 20.7050,
32.4472

■ 210.0020, 20.7050,
32.4472

■ 194.7290, 28.2346,
44.0877

■ 225.2750, 13.1754,
20.8068

■ 179.4560, 35.7642,
55.7281

■ 240.5480, 5.6458,
9.1664

■ 163.8950, 43.4358,
68.4981

■ 253.7610, -0.8682,
-1.5444

■ 148.6220, 50.9654,
80.1385

■ 254.3590, -1.1630,
-0.3148

■ 133.3490, 58.4949, 254.6580, -1.3104,
91.7789 0.2999

■ 118.0760, 66.0245,
103.4193

■ 102.8030, 73.5541,
115.0598

■ 98.6940, 75.5799,
118.6634

Harmonies

Analogous

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



203.6120, 25.3343, -5.7987



210.0020, 20.7050, 32.4472



202.7790, 5.5320, 45.7978

Triad

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



210.0020, 20.7050, 32.4472



202.2250, -38.0719, 31.3747



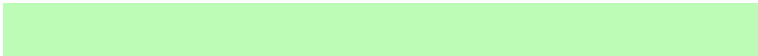
172.6190, 30.7538, -111.0449

Complementary

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



210.0020, 20.7050, 32.4472



224.9980, -20.7050, -32.4472

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.



184.2050, 5.3219, -73.8478



210.0020, 20.7050, 32.4472



198.4660, -33.7537, -0.4087

Square

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



210.0020, 20.7050, 32.4472



200.9140, -29.5376, 47.4334



192.9590, -18.2208, -35.9210



177.6340, 38.1414, -100.5340

Rectangle

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



210.0020, 20.7050, 32.4472



199.7010, -6.2616, 48.4972



192.9590, -18.2208, -35.9210



176.5080, 22.4276, -100.4235

Sweetspot

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



210.0020, 20.7050, 32.4472



242.9610, 5.9352, 9.6812



194.3880, 28.4027, -9.9873



120.0700, 3.9095, 6.0776



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.



210.0020, 20.7050, 32.4472



203.8980, 25.1933, 39.5545



208.1910, 7.3008, 38.4205



117.0700, 3.9095, 6.0776



73.8710, 56.7586, 88.6901



23.9970, 18.2425, 28.9436

Inverse Universe

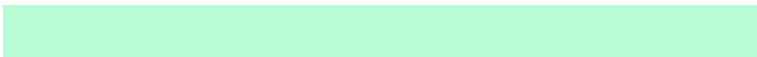
The Inverse Universe completely reimagines the original color for something new.



204.2010, -7.9871, 41.9197



196.8000, -9.7614, 51.0414



226.8090, -7.3008, -38.4205



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 210.0020, 20.7050, 32.4472 looks on a white background.

Color Contrast Check

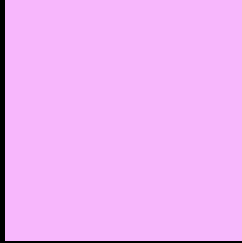
Large Text (above 18pt) WCAG AA × Fail

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 210.0020, 20.7050, 32.4472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

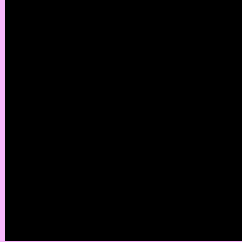
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.0020, 20.7050, 32.4472

Background



This preview shows how black text looks on a background with the YUV color 210.0020, 20.7050, 32.4472.



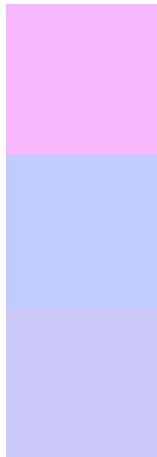
This preview shows how white text looks on a background with the YUV color 210.0020, 20.7050,

32.4472.

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

210.0020, 20.7050, 32.4472

Protanopia

205.6390, 24.3350, -11.9614

Deuteranopia

206.4830, 20.9609, -3.0546



Tritanopia

208.2470, -1.1078, 28.7244

Trichromacy



Original Color

210.0020, 20.7050, 32.4472



Protanomaly

207.3960, 22.9758, 4.0377



Deuteranomaly

207.8590, 20.7755, 9.7707



Tritanomaly

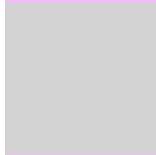
209.0220, 6.8912, 29.7987

Monochromacy



Original Color

210.0020, 20.7050, 32.4472



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.7270, 7.5296, 11.6404

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.0020, 20.7050, 32.4472 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(247, 183, 252)` looks like.

```
.text, #text, p{  
    color:rgb(247, 183, 252)  
}
```

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(247, 183, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 183, 252) }
```

Border

The CSS property to change the border of an element to YUV 210.0020, 20.7050, 32.4472 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(247, 183, 252) }
```


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

```
.border{ border-color:rgb(247, 183, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 183, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 183, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 183, 252);  
box-shadow:4px 4px 4px 4px rgb(247, 183,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 210.0020, 20.7050, 32.4472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 183, 252) }
```

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

```
.background{ background-color: rgb(247,  
183, 252) }
```

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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