

Converting Colors

YUV(199.5630, -0.2776,
42.4792)

Have a look what the booklet for
YUV(199.5630, -0.2776, 42.4792)
contains.

YUV(199.5630, -0.2776, 42.4792)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(199.5630, -0.2776,
42.4792)**

Conversions

Conversions Part 1

Format	Color
Hex	F8AFC7
RGB	248, 175, 199
RGB Percent	97%, 69%, 78%
CMY	0.0275, 0.3137, 0.2196
CMYK	0.00, 0.29, 0.20, 0.03
HSL	340°, 84%, 83%
HSV	340°, 29%, 97%
XYZ	64.3502, 54.7399, 61.2071
YIQ	199.5630, 35.8040, 22.9400

Conversions

Conversions Part 2

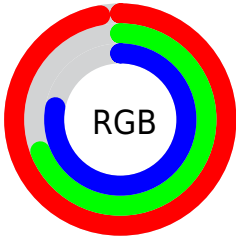
Format	Color
R_{YB}	248, 175, 199
Decimal	16297927
CIE _{Lab}	78.89, 30.03, -1.46
CIE _{LCh}	79, 30.064, 357.226
Yxy	54.7399, 0.3569, 0.3036
Android (android.graphics.Color)	4294488007 (0xFFF8AFC7)
YUV	199.5630, -0.2776, 42.4792
Hunter-Lab	73.9864, 25.7753, 2.7414

Details

The YUV color $199.5630, -0.2776, 42.4792$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.4370, 0.2776, -42.4792$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9120, 6.9454, 12.3552$, and $144.9540, 0.0227, 39.5053$ is the 20% darker color. If you saturate the color by 10%, you get $182.9500, -0.4683, 57.0489$, and if you desaturate by 10%, it is $216.1760, -0.0868, 27.9096$.

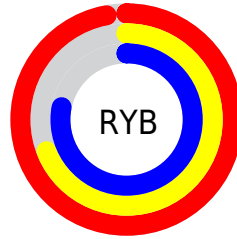
Distribution



Red (97%)

Green (69%)

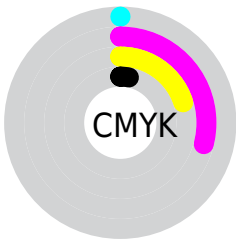
Blue (78%)



Red (97%)

Yellow (69%)

Blue (78%)

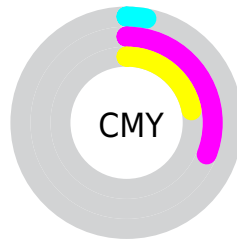


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (3%)



Cyan (3%)


Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.5630, -0.2776, 42.4792 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 199.5630, -0.2776, 42.4792 by changing the saturation by 10% instead.

 199.5630, -0.2776,
42.4792


 199.5630, -0.2776,
42.4792

255.0000, 0.0000,
0.0000


 171.9650, 0.0173,
41.2497


 240.9120, 6.9454,
12.3552

 144.9540, 0.0227,
39.5053

 118.7690, 0.6069,
38.7906

 93.4590, 0.7597,
36.4315

 68.8610, 1.0545,
35.2019

 44.4910, 2.2229,
33.7724

 20.5340, 3.6807,

32.8577

■ 11.7750, -5.3121,
23.8763

■ 0.0000, 0.0000,
0.0000

■ 199.5630, -0.2776,
42.4792

■ 199.5630, -0.2776,
42.4792

■ 182.9500, -0.4683,
57.0489

■ 216.1760, -0.0868,
27.9096

■ 166.4510, -0.2223,
71.5185

■ 232.6750, -0.3328,
13.4400

■ 150.4250, -0.7025,
85.5733

■ 248.7010, 0.1474,
-0.6148

■ 133.8120, -0.8933,
100.1429

■ 252.9070, 1.0318,
-4.3034

■ 117.3130, -0.6473,
114.6125

■ 100.7000, -0.8381,
129.1821

■ 84.0870, -1.0289,
143.7517

■ 83.5000, -0.7395,
144.2665

Harmonies

Analogous

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



199.8950, 12.8698, 25.5251



199.5630, -0.2776, 42.4792



197.8550, -13.2395, 46.6082

Triad

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



199.5630, -0.2776, 42.4792



191.0280, -22.6918, -1.7786



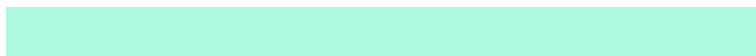
184.8740, 27.6701, -55.1405

Complementary

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



199.5630, -0.2776, 42.4792



223.4370, 0.2776, -42.4792

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.



181.2400, 19.1087, -62.4775



199.5630, -0.2776, 42.4792



187.4360, -11.5539, -27.5694

Square

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



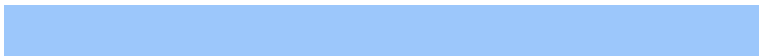
199.5630, -0.2776, 42.4792



194.4330, -26.8355, 20.6683



183.7180, 4.0830, -49.7417



192.0710, 29.0520, -31.6343

Rectangle

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



199.5630, -0.2776, 42.4792



197.4710, -20.9382, 42.5599



183.7180, 4.0830, -49.7417



183.2710, 25.5024, -59.8737

Sweetspot

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



199.5630, -0.2776, 42.4792



239.7890, 0.1040, 13.3400



197.9730, 24.6633, 22.8257



118.0550, -0.0271, 8.7218



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.



199.5630, -0.2776, 42.4792



195.9170, -0.4521, 51.8158



203.8710, -14.2334, 38.7011



116.4570, 0.2677, 7.4922



63.5790, -0.7784, 109.9942



20.5190, -0.2559, 35.5018

Inverse Universe

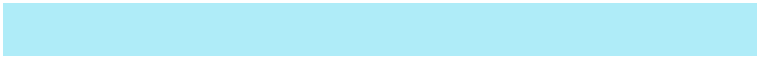
The Inverse Universe completely reimagines the original color for something new.



199.5630, -0.2776, 42.4792



195.9170, -0.4521, 51.8158



219.1290, 14.2334, -38.7011



116.4570, 0.2677, 7.4922



63.5790, -0.7784, 109.9942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 199.5630, -0.2776, 42.4792 looks on a white background.

Color Contrast Check

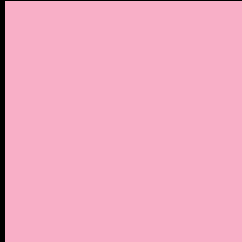
Large Text (above 18pt) WCAG AA × Fail

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 199.5630, -0.2776, 42.4792 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 199.5630, -0.2776, 42.4792

Background



This preview shows how black text looks on a background with the YUV color 199.5630, -0.2776, 42.4792.



This preview shows how white text looks on a background with the YUV color 199.5630, -0.2776,

42.4792.

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

199.5630, -0.2776, 42.4792

Protanopia

196.2370, 7.2782, -1.0848

Deuteranopia

197.2730, -0.6276, 14.6696



Tritanopia

199.4120, -4.6401, 41.7347

Trichromacy



Original Color

199.5630, -0.2776, 42.4792

Protanomaly

197.3530, 4.7560, 14.5994

Deuteranomaly

198.0400, -0.5127, 24.5209

Tritanomaly

199.1670, -3.0403, 41.9495

Monochromacy



Original Color

199.5630, -0.2776, 42.4792

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.8000, 0.0986, 15.0844

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5630, -0.2776, 42.4792 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(248, 175, 199)` looks like.

```
.text, #text, p{  
    color:rgb(248, 175, 199)  
}
```

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(248, 175, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 175, 199) }
```

Border

The CSS property to change the border of an element to YUV 199.5630, -0.2776, 42.4792 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(248, 175, 199) }
```


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

```
.border{ border-color:rgb(248, 175, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 175, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 175, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 175, 199);  
box-shadow:4px 4px 4px 4px rgb(248, 175,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 199.5630, -0.2776, 42.4792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 175, 199) }
```

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

```
.background{ background-color: rgb(248,  
175, 199) }
```

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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