

Converting Colors

YUV(194.2550, 20.0873,
-2.8546)

Have a look what the booklet for
YUV(194.2550, 20.0873, -2.8546)
contains.

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Color

**YUV(194.2550, 20.0873,
-2.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBCEB
RGB	191, 188, 235
RGB Percent	75%, 74%, 92%
CMY	0.2510, 0.2627, 0.0784
CMYK	0.19, 0.20, 0.00, 0.08
HSL	244°, 54%, 83%
HSV	244°, 20%, 92%
XYZ	54.4645, 53.0410, 85.9646
YIQ	194.2550, -13.2990, 15.2530

Conversions

Conversions Part 2

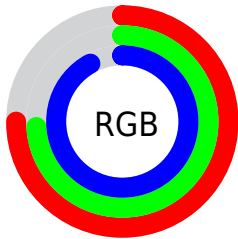
Format	Color
R _Y B	191, 188, 235
Decimal	12565739
CIE Lab	77.90, 10.56, -22.95
CIE LCh	78, 25.267, 294.709
Yxy	53.0410, 0.2815, 0.2742
Android (android.graphics.Color)	4290755819 (0xFFBFBCEB)
YUV	194.2550, 20.0873, -2.8546
Hunter-Lab	72.8292, 6.0380, -19.0030

Details

The YUV color $194.2550, 20.0873, -2.8546$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $228.7450, -20.0873, 2.8546$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, 4.2152, 1.3594$, and $140.6140, 18.9243, -3.1695$ is the 20% darker color. If you saturate the color by 10%, you get $174.1760, 29.9862, -4.5394$, and if you desaturate by 10%, it is $214.9210, 9.8989, -1.6847$.

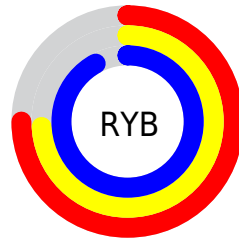
Distribution



Red (75%)

Green (74%)

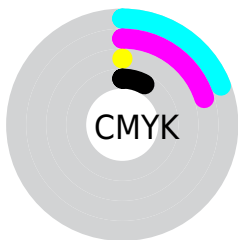
Blue (92%)



Red (75%)

Yellow (74%)

Blue (92%)

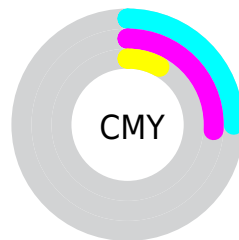


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (26%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.2550, 20.0873, -2.8546 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 194.2550, 20.0873, -2.8546 by changing the saturation by 10% instead.

■ 194.2550, 20.0873,
-2.8546

■ 194.2550, 20.0873,
-2.8546

255.0000, 0.0000,
0.0000

■ 167.1410, 19.6505,
-2.7547

■ 246.4500, 4.2152,
1.3594

■ 140.6140, 18.9243,
-3.1695

■ 115.0870, 18.1981,
-3.5843

■ 89.9730, 17.7613,
-3.4843

■ 66.4460, 17.0351,
-3.8991

■ 43.6200, 16.4563,
-4.9287

■ 22.3810, 15.5882,

-6.4731

■ 4.3490, 14.1249,
-3.8141

■ 0.5700, 2.1840,
-0.4999

■ 194.2550, 20.0873,
-2.8546

■ 194.2550, 20.0873,
-2.8546

■ 174.1760, 29.9862,
-4.5394

■ 214.9210, 9.8989,
-1.6847

■ 153.5100, 40.1746,
-5.7093

■ 235.0000, 0.0000,
0.0000

■ 133.4310, 50.0735,
-7.3940

■ 252.7200, -8.7360,
1.9996

■ 112.7650, 60.2619,
-8.5639

■ 92.6860, 70.1608,
-10.2486

■ 72.0200, 80.3491,
-11.4185

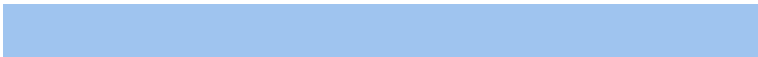
■ 51.9410, 90.2481,
-13.1033

■ 31.2750, 100.4364,
-14.2732

Harmonies

Analogous

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



189.8390, 24.2364, -27.0458



194.2550, 20.0873, -2.8546



196.2210, 11.7230, 19.9772

Triad

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



194.2550, 20.0873, -2.8546



193.8720, -19.1639, 33.4383



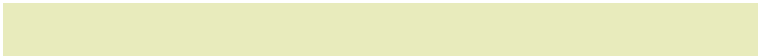
183.8010, 1.5771, -39.2905

Complementary

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



194.2550, 20.0873, -2.8546



228.7450, -20.0873, 2.8546

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.



186.7080, -10.7020, -20.7919



194.2550, 20.0873, -2.8546



192.1600, -22.7569, 19.1537

Square

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



194.2550, 20.0873, -2.8546



195.7940, -10.7444, 39.6457



189.2500, -19.3502, -0.2192



182.6500, 13.9765, -49.6821

Rectangle

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



194.2550, 20.0873, -2.8546



196.7510, 4.5598, 30.9134



189.2500, -19.3502, -0.2192



184.3950, -2.6597, -33.6724

Sweetspot

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



194.2550, 20.0873, -2.8546



242.0090, 6.4046, -0.8849



219.7730, 7.5069, -27.8649



120.0260, 3.9312, -0.8998



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.



194.2550, 20.0873, -2.8546



202.1500, 26.0551, -3.6395



201.1320, 16.6969, 11.2852



107.2540, 4.8048, -1.0998



24.2220, 77.2916, -10.7187



7.0530, 23.1449, -3.5545

Inverse Universe

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



207.0690, 12.2910, 24.4955



218.7370, 15.9057, 31.8027



221.8680, -16.6969, -11.2852



110.5430, 3.1833, 5.6628



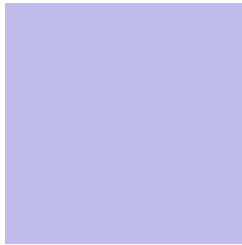
73.3850, 47.1382, 94.3784



21.8460, 13.8799, 28.1991

Previews

White Background



This preview shows how the YUV color 194.2550, 20.0873, -2.8546 looks on a white background.

Color Contrast Check

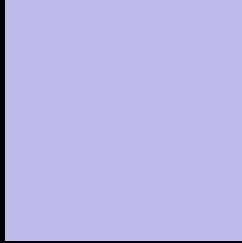
Large Text (above 18pt) WCAG AA × Fail

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 194.2550, 20.0873, -2.8546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

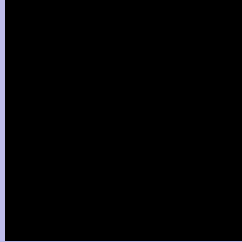
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.2550, 20.0873, -2.8546

Background



This preview shows how black text looks on a background with the YUV color 194.2550, 20.0873, -2.8546.



This preview shows how white text looks on a background with the YUV color 194.2550, 20.0873, -2.8546.

-2.8546.

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

194.2550, 20.0873, -2.8546

Protanopia

193.5530, 21.4194, -10.1320

Deuteranopia

193.9560, 20.2347, -3.4694



Tritanopia

192.6170, 7.5838, -5.8031

Trichromacy



Original Color

194.2550, 20.0873, -2.8546

Protanomaly

193.7490, 20.8297, -7.6729

Deuteranomaly

193.9560, 20.2347, -3.4694

Tritanomaly

193.1810, 12.2358, -4.5437

Monochromacy



Original Color

194.2550, 20.0873, -2.8546

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.2370, 7.2782, -1.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.2550, 20.0873, -2.8546 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(191, 188, 235)` looks like.

```
.text, #text, p{  
    color:rgb(191, 188, 235)  
}
```

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(191, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 188, 235) }
```

Border

The CSS property to change the border of an element to YUV 194.2550, 20.0873, -2.8546 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(191, 188, 235) }
```


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

```
.border{ border-color:rgb(191, 188, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 188, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 188, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 188, 235);  
box-shadow:4px 4px 4px 4px rgb(191, 188,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 194.2550, 20.0873, -2.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 188, 235) }
```

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

```
.background{ background-color: rgb(191,  
188, 235) }
```

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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