

Converting Colors

YUV(198.2650, 21.5614,
-9.0024)

Have a look what the booklet for
YUV(198.2650, 21.5614, -9.0024)
contains.

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Color

**YUV(198.2650, 21.5614,
-9.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC3F2
RGB	188, 195, 242
RGB Percent	74%, 76%, 95%
CMY	0.2627, 0.2353, 0.0510
CMYK	0.22, 0.19, 0.00, 0.05
HSL	232°, 67%, 84%
HSV	232°, 22%, 95%
XYZ	56.2812, 56.1324, 91.8727
YIQ	198.2650, -19.2590, 13.1330

Conversions

Conversions Part 2

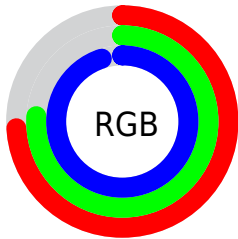
Format	Color
R _Y B	188, 194, 242
Decimal	12370930
CIE Lab	79.69, 7.41, -24.01
CIE LCh	80, 25.127, 287.160
Yxy	56.1324, 0.2755, 0.2748
Android (android.graphics.Color)	4290561010 (0xFFBCC3F2)
YUV	198.2650, 21.5614, -9.0024
Hunter-Lab	74.9215, 2.9767, -20.2594

Details

The YUV color $198.2650, 21.5614, -9.0024$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.7350, -21.5614, 9.0024$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6620, 2.6316, -4.0886$, and $144.0370, 20.6878, -8.8024$ is the 20% darker color. If you saturate the color by 10%, you get $178.7620, 31.1763, -12.9463$, and if you desaturate by 10%, it is $217.7680, 11.9464, -5.0585$.

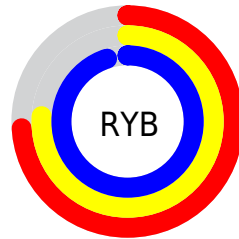
Distribution



Red (74%)

Green (76%)

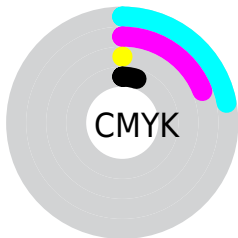
Blue (95%)



Red (74%)

Yellow (76%)

Blue (95%)

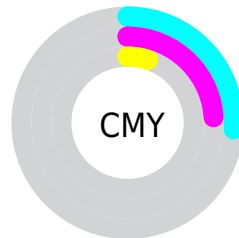


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.2650, 21.5614, -9.0024 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 198.2650, 21.5614, -9.0024 by changing the saturation by 10% instead.

■ 198.2650, 21.5614,
-9.0024

■ 198.2650, 21.5614,
-9.0024

255.0000, 0.0000,
0.0000

■ 171.1510, 21.1246,
-8.9024

■ 249.6620, 2.6316,
-4.0886

■ 144.0370, 20.6878,
-8.8024

■ 118.5100, 19.9616,
-9.2173

■ 93.2820, 19.0880,
-9.0173

■ 69.4560, 18.5092,
-10.0469

■ 46.6300, 17.9304,
-11.0765

■ 24.3800, 17.0677,

-14.3653

■ 4.3320, 16.5983,
-3.7992

■ 2.2970, 6.2626,
-2.0145

■ 198.2650, 21.5614,
-9.0024

■ 198.2650, 21.5614,
-9.0024

■ 178.7620, 31.1763,
-12.9463

■ 217.7680, 11.9464,
-5.0585

■ 159.2590, 40.7913,
-16.8901

■ 237.2710, 2.3314,
-1.1147

■ 139.4570, 50.5537,
-21.4488

■ 253.5180, -5.6784,
1.2997

■ 119.9540, 60.1687,
-25.3927

■ 100.4510, 69.7837,
-29.3365

■ 80.9480, 79.3986,
-33.2804

■ 61.4450, 89.0136,
-37.2243

■ 45.7850, 96.7340,
-40.1534

Harmonies

Analogous

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



193.8060, 24.2526, -32.2789



198.2650, 21.5614, -9.0024



201.1710, 14.2127, 14.7590

Triad

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



198.2650, 21.5614, -9.0024



199.3500, -17.4275, 36.5271



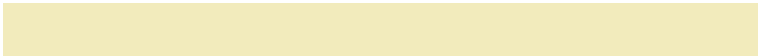
189.0250, -1.4913, -35.1019

Complementary

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



198.2650, 21.5614, -9.0024



231.7350, -21.5614, 9.0024

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.



191.7580, -13.1917, -15.5738



198.2650, 21.5614, -9.0024



197.5950, -22.4783, 23.1572

Square

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



198.2650, 21.5614, -9.0024



200.8910, -7.8343, 39.5606



194.9410, -20.6769, 5.3137



187.5640, 11.0609, -47.8526

Rectangle

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



198.2650, 21.5614, -9.0024



201.7120, 7.0440, 27.4396



194.9410, -20.6769, 5.3137



190.0320, -5.4388, -28.9691

Sweetspot

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



198.2650, 21.5614, -9.0024



240.2260, 7.2836, -2.8292



225.0560, 4.9024, -32.4981



119.4280, 4.2260, -2.1294



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.



198.2650, 21.5614, -9.0024



199.1490, 27.5345, -11.5317



200.1360, 20.6390, 6.8967



109.9550, 4.9522, -1.7145



35.0640, 73.4254, -30.7511



10.4930, 22.4350, -9.2024

Inverse Universe

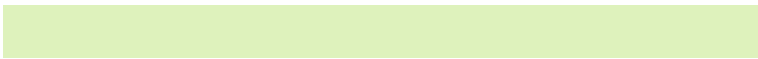
The Inverse Universe completely reimagines the original color for something new.



204.9440, -4.9024, 32.4981



207.6570, -6.2399, 41.5198



229.8640, -20.6390, -6.8967



111.7020, -1.3321, 7.2773



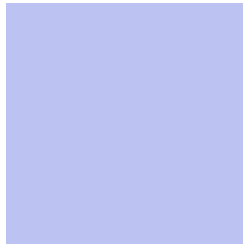
57.7520, -16.6397, 110.7195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 198.2650, 21.5614, -9.0024 looks on a white background.

Color Contrast Check

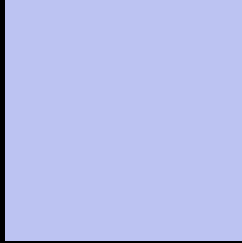
Large Text (above 18pt) WCAG AA × Fail

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 198.2650, 21.5614, -9.0024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

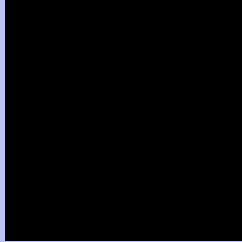
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.2650, 21.5614, -9.0024

Background



This preview shows how black text looks on a background with the YUV color 198.2650, 21.5614, -9.0024.



This preview shows how white text looks on a background with the YUV color 198.2650, 21.5614, -9.0024.

-9.0024.

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

198.2650, 21.5614, -9.0024

Protanopia

197.9660, 21.7088, -9.6172

Deuteranopia

198.8850, 21.2557, -4.2841



Tritanopia

196.7410, 9.4947, -12.0509

Trichromacy



Original Color

198.2650, 21.5614, -9.0024

Protanomaly

197.9660, 21.7088, -9.6172

Deuteranomaly

198.8740, 21.2611, -6.0285

Tritanomaly

197.1910, 13.7098, -10.6915

Monochromacy



Original Color

198.2650, 21.5614, -9.0024

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.2650, 21.5614, -9.0024 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(188, 195, 242)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 242)  
}
```

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(188, 195, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 242) }
```

Border

The CSS property to change the border of an element to YUV 198.2650, 21.5614, -9.0024 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(188, 195, 242) }
```


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

```
.border{ border-color:rgb(188, 195, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 195, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 242);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 198.2650, 21.5614, -9.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 242) }
```

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

```
.background{ background-color: rgb(188,  
195, 242) }
```

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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