

Converting Colors

YUV(220.5940, -31.3518,
-24.1999)

Have a look what the booklet for
YUV(220.5940, -31.3518, -24.1999)
contains.

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Color

**YUV(220.5940, -31.3518,
-24.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F79D
RGB	193, 247, 157
RGB Percent	76%, 97%, 62%
CMY	0.2431, 0.0314, 0.3843
CMYK	0.22, 0.00, 0.36, 0.03
HSL	96°, 85%, 79%
HSV	96°, 36%, 97%
XYZ	61.3389, 80.2933, 44.1635
YIQ	220.5940, -3.2940, -39.4380

Conversions

Conversions Part 2

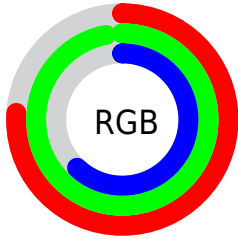
Format	Color
RYB	157, 247, 211
Decimal	12711837
CIELab	91.82, -32.64, 37.84
CIELCh	92, 49.975, 130.778
Yxy	80.2933, 0.3301, 0.4322
Android (android.graphics.Color)	4290901917 (0xFFC1F79D)
YUV	220.5940, -31.3518, -24.1999
Hunter-Lab	89.6065, -34.6218, 33.5029

Details

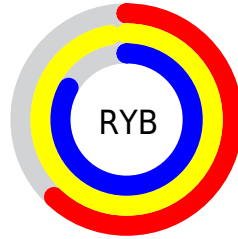
The YUV color **220.5940, -31.3518, -24.1999** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **183.4060, 31.3518, 24.1999**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.9020, -18.1927, 1.8399**, and **164.6480, -29.8995, -23.3703** is the 20% darker color. If you saturate the color by 10%, you get **213.2590, -40.0607, -30.9221**, and if you desaturate by 10%, it is **227.9290, -22.6430, -17.4777**.

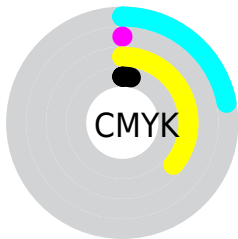
Distribution



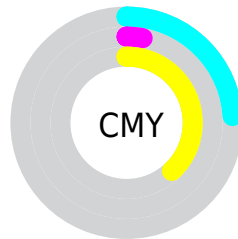
- Red (76%)
- Green (97%)
- Blue (62%)



- Red (62%)
- Yellow (97%)
- Blue (83%)



- Cyan (22%)
- Magenta (0%)
- Yellow (36%)
- Black (3%)



- Cyan (24%)
- Magenta (3%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.5940, -31.3518, -24.1999 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 220.5940, -31.3518, -24.1999 by changing the saturation by 10% instead.

■ 220.5940,
-31.3518, -24.1999

■ 220.5940,
-31.3518, -24.1999

255.0000, 0.0000,
0.0000

■ 192.1210,
-30.6257, -23.7851

■ 248.9020,
-18.1927, 1.8399

■ 164.6480,
-29.8995, -23.3703

■ 253.4040, -6.1152,
1.3997

■ 137.8760,
-29.0259, -23.5703

■ 112.1040,
-28.1523, -23.7702

■ 86.2180, -27.7155,
-23.8702

■ 60.5770, -28.8785,
-24.1850

■ 37.5900, -18.5319,

-29.4584

■ 23.4800, -11.5756,
-20.5920

■ 7.0440, -3.4727,
-6.1776

■ 220.5940,
-31.3518, -24.1999

■ 220.5940,
-31.3518, -24.1999

■ 213.2590,
-40.0607, -30.9221

■ 227.9290,
-22.6430, -17.4777

■ 206.0380,
-48.3327, -37.7443

■ 235.1500,
-14.3710, -10.6556

■ 199.0020,
-57.1890, -43.8518

■ 242.1860, -5.5147,
-4.5481

■ 191.6670,
-65.8978, -50.5740

■ 249.4070, 2.7573,
2.2741

■ 184.4460,
-74.1699, -57.3961

■ 250.3040, 2.3151,
4.1184

■ 177.1110,
-82.8787, -64.1183

■ 174.5900,
-86.0729, -66.2924

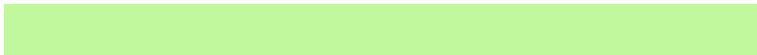
Harmonies

Analogous

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



226.4160, -44.5751, 17.1752



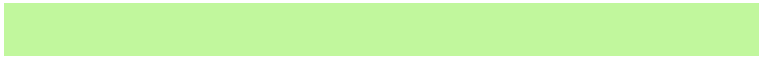
220.5940, -31.3518, -24.1999



211.7250, -6.7664, -69.9188

Triad

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



220.5940, -31.3518, -24.1999



202.4860, 25.8894, -90.7572



214.7470, 0.6177, 35.3019

Complementary

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



220.5940, -31.3518, -24.1999



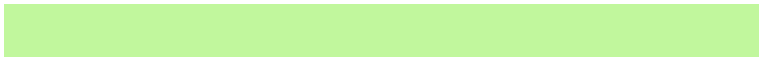
183.4060, 31.3518, 24.1999

Split Complementary

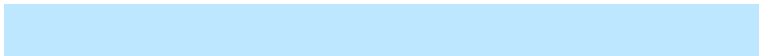
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.5410, 16.4953, 29.3435



220.5940, -31.3518, -24.1999



220.5910, 16.9636, -27.7053

Square

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



220.5940, -31.3518, -24.1999



178.1680, 37.8782, -156.2533



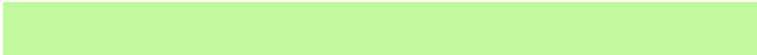
230.3460, 12.1544, 21.6216



214.3130, -21.3533, 35.6825

Rectangle

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



220.5940, -31.3518, -24.1999



200.2380, 15.1657, -104.5717



230.3460, 12.1544, 21.6216



216.5710, 7.6065, 33.7022

Sweetspot

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



220.5940, -31.3518, -24.1999



246.7250, -9.7244, -7.6518



215.6080, -28.8937, 27.5308



123.0720, -5.9515, -4.4481



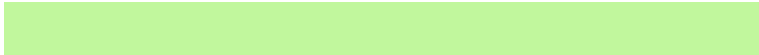
0.0000, 0.0000, 0.0000



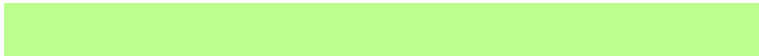
128.0000, 0.0000, 0.0000

Same Dimension

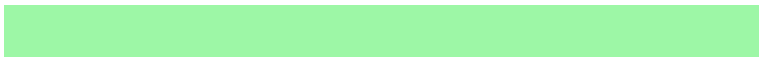
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.5940, -31.3518, -24.1999



222.1990, -39.0451, -29.9925



210.8560, -22.1140, -47.2317



118.5390, -4.2097, -3.1037



131.3080, -64.7348, -50.2591



41.5100, -20.4644, -16.2333

Inverse Universe

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



183.4060, 31.3518, 24.1999



175.8010, 39.0451, 29.9925



193.1440, 22.1140, 47.2317



113.7600, 4.0623, 3.7185



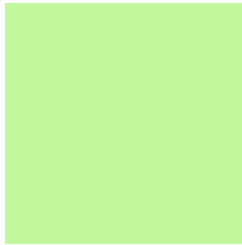
54.6920, 64.7348, 50.2591



17.1910, 20.6118, 15.6185

Previews

White Background



This preview shows how the YUV color 220.5940, -31.3518, -24.1999 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 220.5940, -31.3518, -24.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

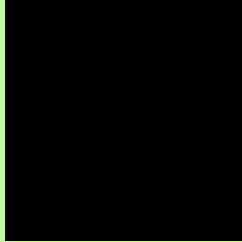
Any Text WCAG AA ✓ Pass

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 220.5940, -31.3518, -24.1999 Background



This preview shows how black text looks on a background with the YUV color 220.5940, -31.3518, -24.1999.



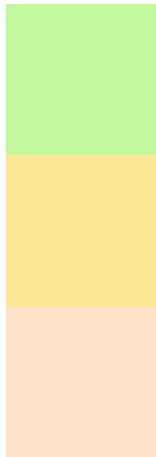
This preview shows how white text looks on a background with the YUV color 220.5940, -31.3518, -24.1999.

-24.1999.

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

220.5940, -31.3518, -24.1999

Protanopia

227.7460, -38.3288, 20.3938

Deuteranopia

231.5930, -16.0683, 20.5279



Tritanopia

229.0930, 12.2792, -18.4986

Trichromacy



Original Color

220.5940, -31.3518, -24.1999



Protanomaly

225.3310, -35.6592, 4.0947



Deuteranomaly

227.7020, -21.5451, 3.7693



Tritanomaly

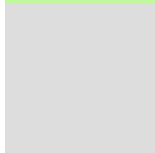
225.9560, -3.4293, -20.1324

Monochromacy



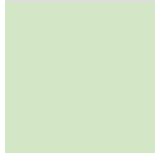
Original Color

220.5940, -31.3518, -24.1999



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.6710, -11.1768, -8.4815

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.5940, -31.3518, -24.1999 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(193, 247, 157)` looks like.

```
.text, #text, p{  
    color:rgb(193, 247, 157)  
}
```

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(193, 247, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 247, 157) }
```

Border

The CSS property to change the border of an element to YUV 220.5940, -31.3518, -24.1999 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(193, 247, 157) }
```


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

```
.border{ border-color:rgb(193, 247, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 247, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 247, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 247, 157);  
box-shadow:4px 4px 4px 4px rgb(193, 247,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 220.5940, -31.3518, -24.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 247, 157) }
```

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

```
.background{ background-color: rgb(193,  
247, 157) }
```

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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