

Converting Colors

YUV(228.5400, -16.0422,
-34.6766)

Have a look what the booklet for
YUV(228.5400, -16.0422, -34.6766)
contains.

YUV(228.5400, -16.0422, -34.6766)	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(228.5400, -16.0422,
-34.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	BDFFC4
RGB	189, 255, 196
RGB Percent	74%, 100%, 77%
CMY	0.2588, 0.0000, 0.2314
CMYK	0.26, 0.00, 0.23, 0.00
HSL	126°, 100%, 87%
HSV	126°, 26%, 100%
XYZ	66.7101, 86.3243, 65.3708
YIQ	228.5400, -20.3970, -32.3410

Conversions

Conversions Part 2

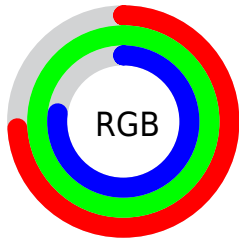
Format	Color
R _{YB}	189, 249, 255
Decimal	12451780
CIE _{Lab}	94.45, -31.74, 21.71
CIE _{LCh}	94, 38.451, 145.623
Y _{xy}	86.3243, 0.3054, 0.3952
Android (android.graphics.Color)	4290641860 (0xFFBDFFC4)
YUV	228.5400, -16.0422, -34.6766
Hunter-Lab	92.9109, -34.4310, 23.3220

Details

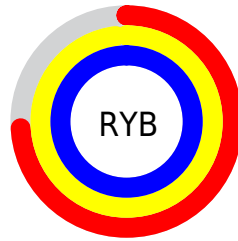
The YUV color $228.5400, -16.0422, -34.6766$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $215.4600, 16.0422, 34.6766$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0810, 0.4531, -5.3330$, and $172.4800, -15.0266, -33.7470$ is the 20% darker color. If you saturate the color by 10%, you get $218.4430, -22.4034, -47.7465$, and if you desaturate by 10%, it is $238.9360, -9.8284, -20.9919$.

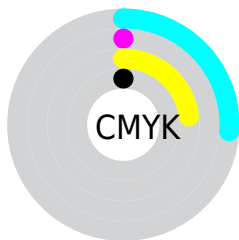
Distribution



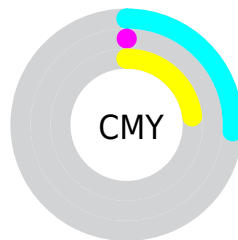
- Red (74%)
- Green (100%)
- Blue (77%)



- Red (74%)
- Yellow (98%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.5400, -16.0422, -34.6766 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 228.5400, -16.0422, -34.6766 by changing the saturation by 10% instead.

■ 228.5400,
-16.0422, -34.6766

■ 228.5400,
-16.0422, -34.6766

255.0000, 0.0000,
0.0000

■ 200.0670,
-15.3160, -34.2618

■ 252.0810, 0.4531,
-5.3330

■ 172.4800,
-15.0266, -33.7470

■ 145.3060,
-14.4479, -32.7174

■ 119.4200,
-14.0111, -32.8173

■ 93.7620, -12.7007,
-33.1173

■ 68.3920, -11.5323,
-34.5468

■ 43.1250, -9.9216,

-37.8206

■ 27.0020, -13.3120,
-23.6808

■ 14.0880, -6.9454,
-12.3552

■ 228.5400,
-16.0422, -34.6766

■ 228.5400,
-16.0422, -34.6766

■ 218.4430,
-22.4034, -47.7465

■ 238.9360, -9.8284,
-20.9919

■ 208.0470,
-28.6172, -61.4312

■ 249.0330, -3.4673,
-7.9219

■ 198.0640,
-34.5416, -74.6011

255.0000, 0.0000,
0.0000

■ 187.6680,
-40.7553, -88.2858

■ 177.5710,
-47.1165, -101.3558

■ 167.1750,
-53.3303, -115.0405

■ 157.0780,
-59.6915, -128.1104

■ 152.7630,
-62.0012, -133.9732

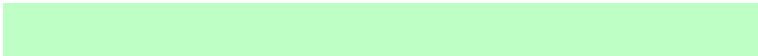
Harmonies

Analogous

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



233.8510, -30.9855, -1.6233



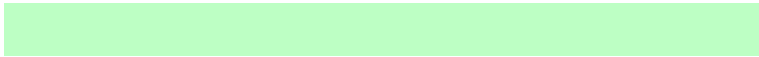
228.5400, -16.0422, -34.6766



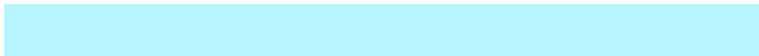
220.0860, 5.8736, -64.0964

Triad

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



228.5400, -16.0422, -34.6766



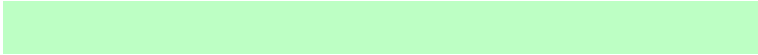
226.7160, 13.9440, -39.2159



225.1020, -7.9383, 26.2205

Complementary

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



228.5400, -16.0422, -34.6766



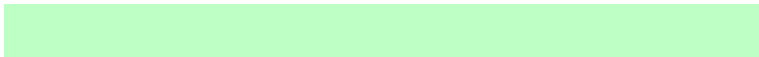
215.4600, 16.0422, 34.6766

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.



228.7330, 8.5126, 23.0362



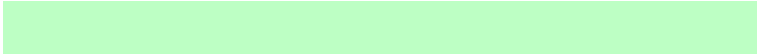
228.5400, -16.0422, -34.6766



235.5300, 9.5987, 1.2892

Square

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



228.5400, -16.0422, -34.6766



218.2340, 18.1256, -73.8732



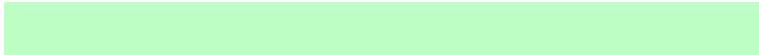
233.8680, 10.4181, 18.5328



226.9650, -23.6467, 24.5867

Rectangle

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



228.5400, -16.0422, -34.6766



216.4290, 19.0155, -79.3062



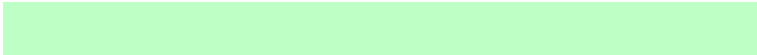
233.8680, 10.4181, 18.5328



225.8830, -2.4073, 25.5356

Sweetspot

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



228.5400, -16.0422, -34.6766



246.9680, -4.9142, -10.4959



245.3830, -27.7968, 2.2951



122.7450, -3.3253, -6.7924



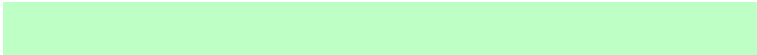
0.0000, 0.0000, 0.0000



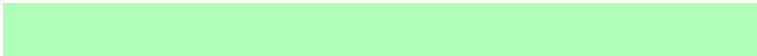
128.0000, 0.0000, 0.0000

Same Dimension

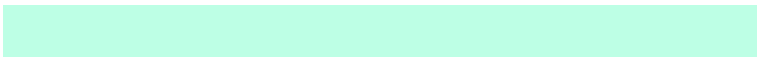
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.5400, -16.0422, -34.6766



223.2850, -19.3675, -41.4689



232.3020, -1.6279, -37.9759



122.7450, -3.3253, -6.7924



114.3970, -46.5377, -100.3262



38.3660, -15.4634, -33.6470

Inverse Universe

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



215.4600, 16.0422, 34.6766



207.7150, 19.3675, 41.4689



211.6980, 1.6279, 37.9759



120.1410, 2.8885, 6.8923



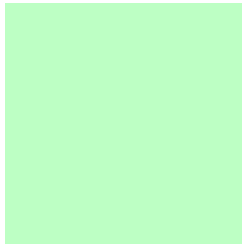
76.6030, 46.5377, 100.3262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 228.5400, -16.0422, -34.6766 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 228.5400, -16.0422, -34.6766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

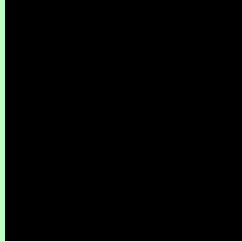
Any Text WCAG AA ✓ Pass

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 228.5400, -16.0422, -34.6766 Background



This preview shows how black text looks on a background with the YUV color 228.5400, -16.0422, -34.6766.



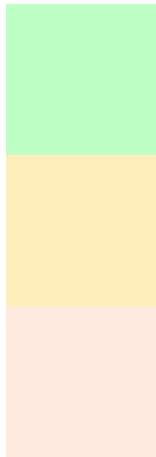
This preview shows how white text looks on a background with the YUV color 228.5400, -16.0422, -34.6766.

-34.6766.

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

228.5400, -16.0422, -34.6766

Protanopia

236.7850, -24.0510, 14.2206

Deuteranopia

239.0250, -7.9003, 14.0101



Tritanopia

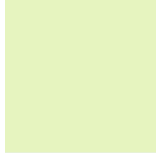
236.5940, 9.0742, -17.1839

Trichromacy



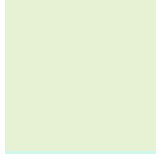
Original Color

228.5400, -16.0422, -34.6766



Protanomaly

233.7720, -21.0866, -3.3080



Deuteranomaly

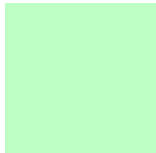
235.4050, -11.0457, -3.8632



Tritanomaly

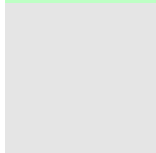
233.5580, 0.2179, -23.2914

Monochromacy



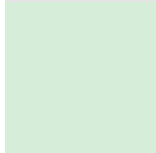
Original Color

228.5400, -16.0422, -34.6766



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.4300, -5.6350, -12.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.5400, -16.0422, -34.6766 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(189, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 196)  
}
```

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(189, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 196) }
```

Border

The CSS property to change the border of an element to YUV 228.5400, -16.0422, -34.6766 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(189, 255, 196) }
```


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

```
.border{ border-color:rgb(189, 255, 196) }
```

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

Here you see how a box with a 4 pixel rgb(189, 255, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 228.5400, -16.0422, -34.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 196) }
```

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

```
.background{ background-color: rgb(189,  
255, 196) }
```

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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