

Converting Colors

YUV(221.3400, 0.8184,
-29.2392)

Have a look what the booklet for
YUV(221.3400, 0.8184, -29.2392)
contains.

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Color

**YUV(221.3400, 0.8184,
-29.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	BCEEDF
RGB	188, 238, 223
RGB Percent	74%, 93%, 87%
CMY	0.2627, 0.0667, 0.1255
CMYK	0.21, 0.00, 0.06, 0.07
HSL	162°, 60%, 84%
HSV	162°, 21%, 93%
XYZ	64.6329, 77.1682, 81.3005
YIQ	221.3400, -24.9850, -15.2650

Conversions

Conversions Part 2

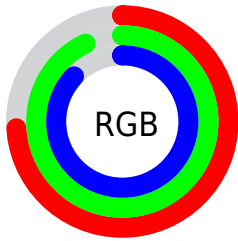
Format	Color
R _Y B	188, 217, 238
Decimal	12381919
CIE Lab	90.40, -18.93, 2.00
CIE LCh	90, 19.037, 173.960
Yxy	77.1682, 0.2897, 0.3459
Android (android.graphics.Color)	4290571999 (0xFFBCEEDF)
YUV	221.3400, 0.8184, -29.2392
Hunter-Lab	87.8454, -22.3969, 6.6192

Details

The YUV color $221.3400, 0.8184, -29.2392$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $204.6600, -0.8184, 29.2392$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $166.0520, 0.9604, -28.1096$ is the 20% darker color. If you saturate the color by 10%, you get $213.3660, 1.2986, -43.2940$, and if you desaturate by 10%, it is $229.3140, 0.3382, -15.1844$.

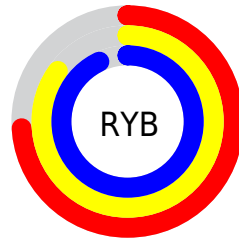
Distribution



Red (74%)

Green (93%)

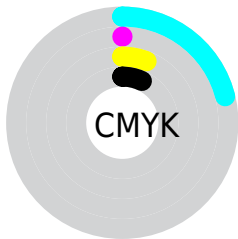
Blue (87%)



Red (74%)

Yellow (85%)

Blue (93%)

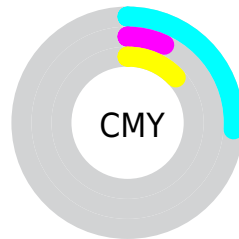


Cyan (21%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (26%)

Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3400, 0.8184, -29.2392 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 221.3400, 0.8184, -29.2392 by changing the saturation by 10% instead.

 221.3400, 0.8184,
-29.2392


 221.3400, 0.8184,
-29.2392

255.0000, 0.0000,
0.0000

 193.6390, 0.6710,
-28.6244


 252.0100, 1.4741,
-6.1478

 166.0520, 0.9604,
-28.1096

 139.3510, 0.8130,
-27.4948

 113.7640, 1.1023,
-26.9800

 88.7640, 1.1023,
-26.9800

 64.2910, 1.8285,
-26.5652

 40.2090, 2.8550,

-29.1243

■ 23.3950, 0.7913,
-20.5174

■ 1.7610, -0.8682,
-1.5444

■ 221.3400, 0.8184,
-29.2392

■ 221.3400, 0.8184,
-29.2392

■ 213.3660, 1.2986,
-43.2940

■ 229.3140, 0.3382,
-15.1844

■ 205.3920, 1.7787,
-57.3488

■ 237.2880, -0.1420,
-1.1296

■ 197.7170, 2.1115,
-70.7888

■ 243.7670, 0.1149,
9.8513

■ 189.6290, 2.1549,
-84.7436

■ 244.6790, 3.6093,
9.0515

■ 181.6550, 2.6351,
-98.7984

■ 245.0210, 4.9196,
8.7516

■ 173.6810, 3.1153,
-112.8532

■ 165.7070, 3.5954,
-126.9080

■ 158.7440, 4.0702,
-139.2185

Harmonies

Analogous

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



223.3110, -8.5343, -16.0587



221.3400, 0.8184, -29.2392



221.1140, 10.2968, -36.0570

Triad

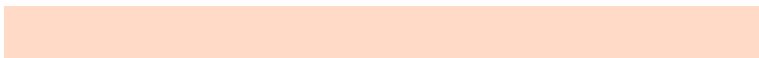
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.3400, 0.8184, -29.2392



228.1320, 13.2459, -1.8698



227.4840, -14.0426, 24.1315

Complementary

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



221.3400, 0.8184, -29.2392



204.6600, -0.8184, 29.2392

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.



227.3190, -7.0593, 24.2762



221.3400, 0.8184, -29.2392



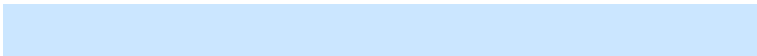
230.5040, 9.1185, 15.3440

Square

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



221.3400, 0.8184, -29.2392



224.7770, 14.8999, -19.0984



228.8980, 1.5293, 22.8915



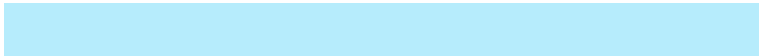
227.5170, -17.5099, 16.2096

Rectangle

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



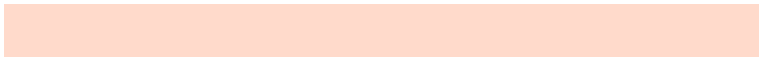
221.3400, 0.8184, -29.2392



221.6780, 14.9487, -34.7976



228.8980, 1.5293, 22.8915



227.3530, -12.0060, 24.2464

Sweetspot

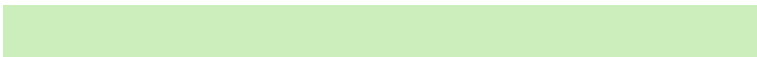
The Sweet Spot groups the original color and five complimentary colors.



221.3400, 0.8184, -29.2392



249.9450, 0.0271, -8.7218



221.8350, -16.6807, -16.5183



124.9670, 0.0163, -5.2331



0.0000, 0.0000, 0.0000



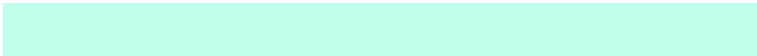
128.0000, 0.0000, 0.0000

Same Dimension

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



221.3400, 0.8184, -29.2392



233.6980, 1.1349, -37.4461



217.7670, 9.9749, -26.1057



115.9560, 0.0217, -6.9774



122.7140, 3.0990, -107.6202



37.3180, 0.8292, -32.7279

Inverse Universe

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



204.6600, -0.8184, 29.2392



212.3020, -1.1349, 37.4461



208.8200, -10.2643, 25.5909



111.9300, -0.4585, 7.0774



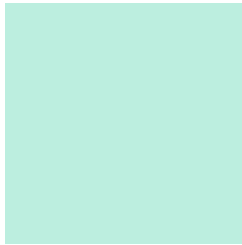
61.2860, -3.0990, 107.6202



18.6820, -0.8292, 32.7279

Previews

White Background



This preview shows how the YUV color 221.3400, 0.8184, -29.2392 looks on a white background.

Color Contrast Check

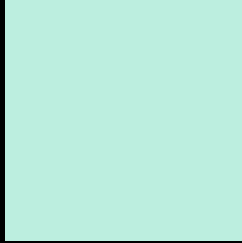
Large Text (above 18pt) WCAG AA × Fail

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 221.3400, 0.8184, -29.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

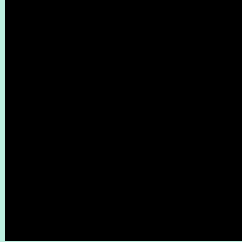
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

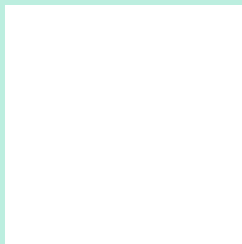
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.3400, 0.8184, -29.2392

Background



This preview shows how black text looks on a background with the YUV color 221.3400, 0.8184, -29.2392.



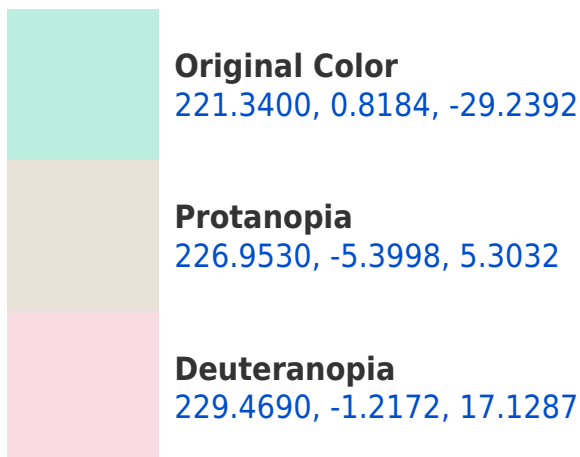
This preview shows how white text looks on a background with the YUV color 221.3400, 0.8184,

-29.2392.

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





Tritanopia

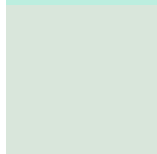
224.0920, 13.7586, -26.3907

Trichromacy



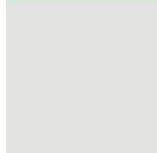
Original Color

221.3400, 0.8184, -29.2392



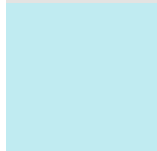
Protanomaly

224.8590, -2.8885, -6.8923



Deuteranomaly

226.8860, -0.4368, 0.1000



Tritanomaly

222.8270, 8.9593, -27.0353

Monochromacy



Original Color

221.3400, 0.8184, -29.2392



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.0480, 0.4693, -10.5661

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3400, 0.8184, -29.2392 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, 238, 223)` looks like.

```
.text, #text, p{  
    color:rgb(188, 238, 223)  
}
```

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, 238, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 238, 223) }
```

Border

The CSS property to change the border of an element to YUV 221.3400, 0.8184, -29.2392 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, 238, 223) }
```


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

```
.border{ border-color:rgb(188, 238, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 238, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 238, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 238, 223);  
box-shadow:4px 4px 4px 4px rgb(188, 238,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 221.3400, 0.8184, -29.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 238, 223) }
```

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

```
.background{ background-color: rgb(188,  
238, 223) }
```

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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