

Converting Colors

YUV(221.7320, -0.3609,
-24.3210)

Have a look what the booklet for
YUV(221.7320, -0.3609, -24.3210)
contains.

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Color

**YUV(221.7320, -0.3609,
-24.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	C2ECDD
RGB	194, 236, 221
RGB Percent	76%, 93%, 87%
CMY	0.2392, 0.0745, 0.1333
CMYK	0.18, 0.00, 0.06, 0.07
HSL	159°, 53%, 84%
HSV	159°, 18%, 93%
XYZ	65.2947, 76.6807, 79.7661
YIQ	221.7320, -20.2170, -13.5690

Conversions

Conversions Part 2

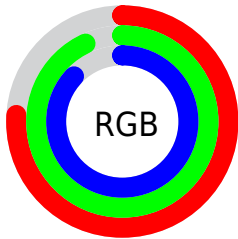
Format	Color
RYB	194, 220, 236
Decimal	12774621
CIELab	90.17, -16.47, 2.76
CIELCh	90, 16.698, 170.469
Yxy	76.6807, 0.2945, 0.3458
Android (android.graphics.Color)	4290964701 (0xFFC2ECDD)
YUV	221.7320, -0.3609, -24.3210
Hunter-Lab	87.5675, -20.1446, 7.2894

Details

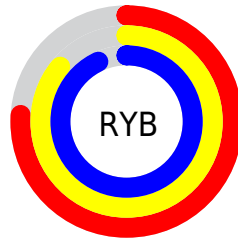
The YUV color $221.7320, -0.3609, -24.3210$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $208.2680, 0.3609, 24.3210$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $166.4440, -0.2189, -23.1914$ is the 20% darker color. If you saturate the color by 10%, you get $213.6440, -0.3175, -38.2758$, and if you desaturate by 10%, it is $229.8200, -0.4043, -10.3661$.

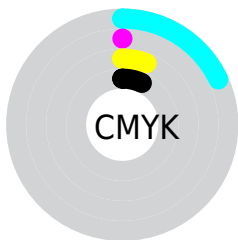
Distribution



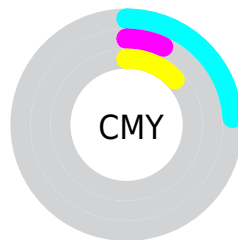
- Red (76%)
- Green (93%)
- Blue (87%)



- Red (76%)
- Yellow (86%)
- Blue (93%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.7320, -0.3609, -24.3210 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 221.7320, -0.3609, -24.3210 by changing the saturation by 10% instead.

■ 221.7320, -0.3609,
-24.3210

■ 221.7320, -0.3609,
-24.3210

255.0000, 0.0000,
0.0000

■ 194.0310, -0.5083,
-23.7062

■ 253.8040, 0.5896,
-2.4591

■ 166.4440, -0.2189,
-23.1914

■ 139.8570, 0.0705,
-22.6766

■ 114.1560, -0.0769,
-22.0618

■ 89.5690, 0.2125,
-21.5470

■ 65.5690, 0.2125,
-21.5470

■ 42.6830, 0.6493,

-21.6470

■ 22.1070, 0.9332,
-19.3878

■ 0.5870, -0.2894,
-0.5148

■ 221.7320, -0.3609,
-24.3210

■ 221.7320, -0.3609,
-24.3210

■ 213.6440, -0.3175,
-38.2758

■ 229.8200, -0.4043,
-10.3661

■ 205.7410, -0.8583,
-51.5159

■ 237.7230, 0.1366,
2.8739

■ 197.6530, -0.8149,
-65.4707

■ 242.8210, 1.5672,
10.6810

■ 189.7500, -1.3558,
-78.7108

■ 243.8470, 5.4984,
9.7812

■ 181.6620, -1.3124,
-92.6656

■ 173.4600, -1.7058,
-106.5204

■ 165.6710, -1.8098,
-119.8605

■ 157.5830, -1.7664,
-133.8153

■ 155.8600, -1.9030,
-136.6892

Harmonies

Analogous

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



223.6320, -8.6926, -11.9553



221.7320, -0.3609, -24.3210



221.1640, 7.8071, -30.8388

Triad

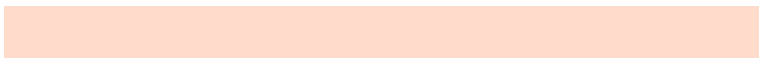
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.7320, -0.3609, -24.3210



227.5340, 13.5407, -3.0993



227.9400, -12.2954, 23.7316

Complementary

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



221.7320, -0.3609, -24.3210



208.2680, 0.3609, 24.3210

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.



227.6610, -5.7489, 23.9763



221.7320, -0.3609, -24.3210



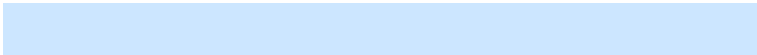
229.3680, 8.6926, 11.9553

Square

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



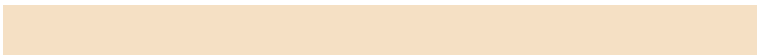
221.7320, -0.3609, -24.3210



225.0760, 14.7525, -18.4837



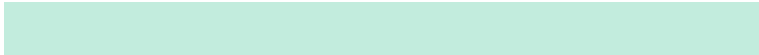
229.5990, 1.6767, 22.2767



227.0870, -15.3259, 15.7097

Rectangle

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



221.7320, -0.3609, -24.3210



222.0160, 12.3171, -30.7090



229.5990, 1.6767, 22.2767



227.8090, -10.2588, 23.8465

Sweetspot

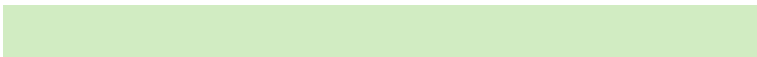
The Sweet Spot groups the original color and five complimentary colors.



221.7320, -0.3609, -24.3210



250.5430, -0.2677, -7.4922



223.1390, -14.3655, -12.3999



125.2660, -0.1311, -4.6183



0.0000, 0.0000, 0.0000



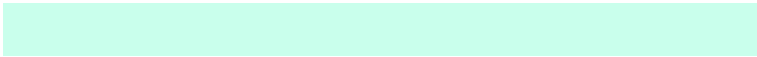
128.0000, 0.0000, 0.0000

Same Dimension

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



221.7320, -0.3609, -24.3210



236.6880, -0.3392, -31.2984



219.9200, 7.9274, -22.7318



113.2550, -0.1257, -6.3626



119.4710, -1.7112, -104.7761



35.5740, -0.7760, -31.1984

Inverse Universe

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



208.2680, 0.3609, 24.3210



219.4260, 0.7760, 31.1984



210.0800, -7.9274, 22.7318



109.7450, 0.1257, 6.3626



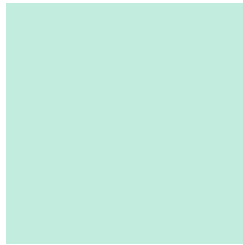
61.5290, 1.7112, 104.7761



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 221.7320, -0.3609, -24.3210 looks on a white background.

Color Contrast Check

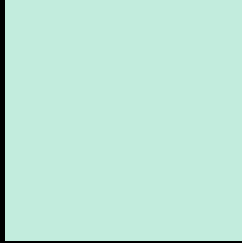
Large Text (above 18pt) WCAG AA × Fail

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 221.7320, -0.3609, -24.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

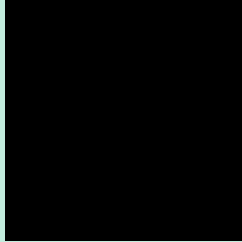
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

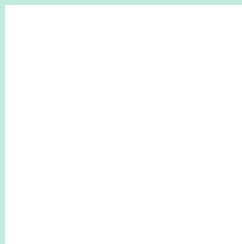
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.7320, -0.3609, -24.3210

Background



This preview shows how black text looks on a background with the YUV color 221.7320, -0.3609, -24.3210.



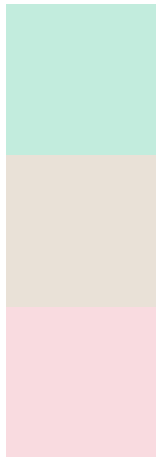
This preview shows how white text looks on a background with the YUV color 221.7320, -0.3609, -24.3210.

-24.3210.

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

221.7320, -0.3609, -24.3210

Protanopia

226.2520, -5.5472, 5.9180

Deuteranopia

228.5400, -2.2382, 17.9434



Tritanopia

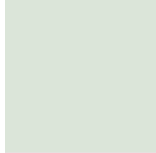
224.1850, 12.7268, -22.0872

Trichromacy



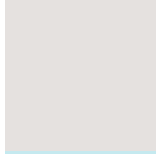
Original Color

221.7320, -0.3609, -24.3210



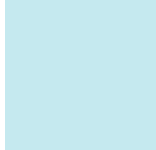
Protanomaly

224.6420, -3.7675, -4.9480



Deuteranomaly

225.9680, -1.4632, 2.6591



Tritanomaly

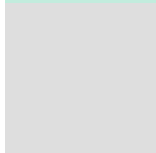
222.9200, 7.9274, -22.7318

Monochromacy



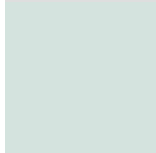
Original Color

221.7320, -0.3609, -24.3210



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

221.9450, 0.0271, -8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.7320, -0.3609, -24.3210 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(194, 236, 221)` looks like.

```
.text, #text, p{  
    color:rgb(194, 236, 221)  
}
```

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(194, 236, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 236, 221) }
```

Border

The CSS property to change the border of an element to YUV 221.7320, -0.3609, -24.3210 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(194, 236, 221) }
```


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

```
.border{ border-color:rgb(194, 236, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 236, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 236, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 236, 221);  
box-shadow:4px 4px 4px 4px rgb(194, 236,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 221.7320, -0.3609, -24.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 236, 221) }
```

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

```
.background{ background-color: rgb(194,  
236, 221) }
```

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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