

Converting Colors

YUV(220.7330, -1.8404,
-16.4288)

Have a look what the booklet for
YUV(220.7330, -1.8404, -16.4288)
contains.

YUV(220.7330, -1.8404, -16.4288)	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(220.7330, -1.8404,
-16.4288)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE7D9
RGB	202, 231, 217
RGB Percent	79%, 91%, 85%
CMY	0.2078, 0.0941, 0.1490
CMYK	0.13, 0.00, 0.06, 0.09
HSL	151°, 38%, 85%
HSV	151°, 13%, 91%
XYZ	65.4574, 74.7181, 76.6177
YIQ	220.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

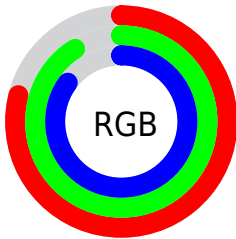
Format	Color
R_{YB}	202, 221, 231
Decimal	13297625
CIE _{Lab}	89.26, -12.16, 3.59
CIE _{LCh}	89, 12.683, 163.541
Yxy	74.7181, 0.3019, 0.3447
Android (android.graphics.Color)	4291487705 (0xFFCAE7D9)
YUV	220.7330, -1.8404, -16.4288
Hunter-Lab	86.4397, -16.0982, 7.9547

Details

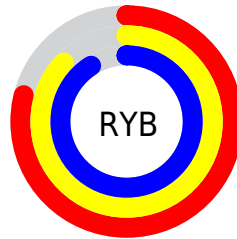
The YUV color **220.7330, -1.8404, -16.4288** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **212.2670, 1.8404, 16.4288**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **165.4450, -1.6984, -15.2993** is the 20% darker color. If you saturate the color by 10%, you get **212.6020, -3.2548, -29.4690**, and if you desaturate by 10%, it is **228.8640, -0.4260, -3.3887**.

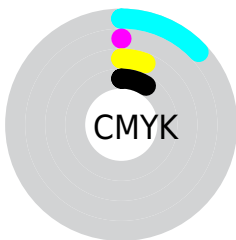
Distribution



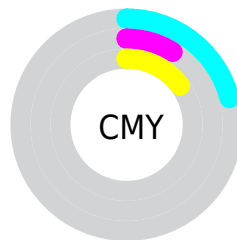
- Red (79%)
- Green (91%)
- Blue (85%)



- Red (79%)
- Yellow (87%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.7330, -1.8404, -16.4288 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 220.7330, -1.8404, -16.4288 by changing the saturation by 10% instead.

■ 220.7330, -1.8404,
-16.4288

■ 220.7330, -1.8404,
-16.4288

255.0000, 0.0000,
0.0000

■ 193.0320, -1.9878,
-15.8141

■ 165.4450, -1.6984,
-15.2993

■ 139.4450, -1.6984,
-15.2993

■ 113.8580, -1.4090,
-14.7845

■ 89.1570, -1.5564,
-14.1697

■ 65.5700, -1.2670,
-13.6549

■ 42.9830, -0.9776,

-13.1401

■ 21.7980, -0.3934,
-13.8548

■ 0.0000, 0.0000,
0.0000

■ 220.7330, -1.8404,
-16.4288

■ 220.7330, -1.8404,
-16.4288

■ 212.6020, -3.2548,
-29.4690

■ 228.8640, -0.4260,
-3.3887

■ 204.4710, -4.6692,
-42.5091

■ 236.9950, 0.9885,
9.6514

■ 196.3400, -6.0836,
-55.5492

■ 240.3420, 4.7614,
12.8551

■ 188.0950, -7.9348,
-68.4893

■ 240.9120, 6.9454,
12.3552

■ 179.6650, -9.2018,
-82.1442

■ 171.5340,
-10.6163, -95.1843

■ 163.4030,
-12.0307, -108.2244

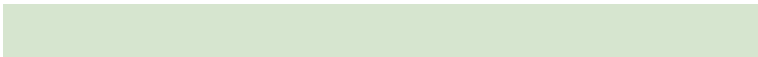
■ 155.2720,
-13.4451, -121.2645

■ 149.1630,
-14.8704, -130.8160

Harmonies

Analogous

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



222.0070, -7.3985, -7.0221



220.7330, -1.8404, -16.4288



220.5950, 4.1437, -22.4468

Triad

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



220.7330, -1.8404, -16.4288



224.3550, 11.6570, -5.5733



226.1290, -8.9376, 20.0579

Complementary

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



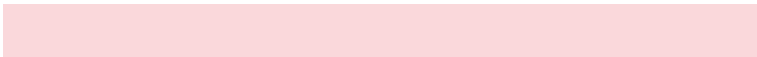
220.7330, -1.8404, -16.4288



212.2670, 1.8404, 16.4288

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.



226.5080, -3.7014, 20.6025



220.7330, -1.8404, -16.4288



226.3950, 7.6933, 5.7926

Square

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



220.7330, -1.8404, -16.4288



222.4030, 12.1263, -16.1394



226.9680, 1.9878, 15.8141



224.7000, -11.6841, 14.2951

Rectangle

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



220.7330, -1.8404, -16.4288



220.6210, 8.0748, -23.3466



226.9680, 1.9878, 15.8141



226.1830, -7.4852, 20.8875

Sweetspot

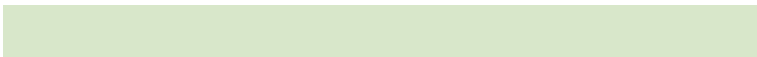
The Sweet Spot groups the original color and five complimentary colors.



220.7330, -1.8404, -16.4288



251.4400, -0.7099, -5.6479



223.2090, -10.4560, -6.3223



125.4510, -0.7153, -3.9035



0.0000, 0.0000, 0.0000



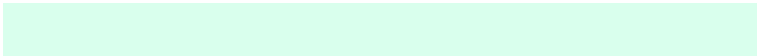
128.0000, 0.0000, 0.0000

Same Dimension

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



220.7330, -1.8404, -16.4288



241.5860, -2.2609, -21.5619



222.3290, 4.2748, -17.8285



110.7280, -0.8519, -6.7775



115.5610, -11.6156, -101.3470



32.9010, -3.4022, -28.8542

Inverse Universe

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



212.2670, 1.8404, 16.4288



230.4140, 2.2609, 21.5619



210.6710, -4.2748, 17.8285



107.2720, 0.8519, 6.7775



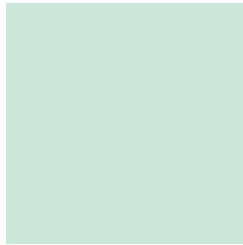
63.3250, 11.1788, 101.4470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 220.7330, -1.8404, -16.4288 looks on a white background.

Color Contrast Check

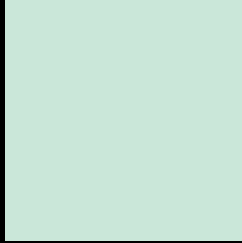
Large Text (above 18pt) WCAG AA × Fail

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 220.7330, -1.8404, -16.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

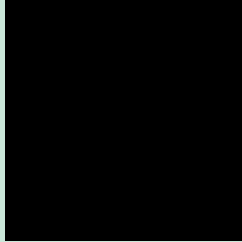
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

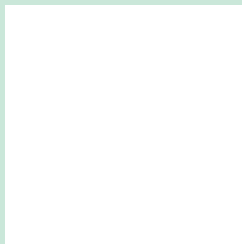
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.7330, -1.8404, -16.4288

Background



This preview shows how black text looks on a background with the YUV color 220.7330, -1.8404, -16.4288.



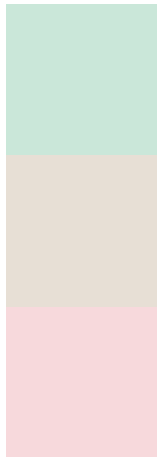
This preview shows how white text looks on a background with the YUV color 220.7330, -1.8404,

-16.4288.

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

220.7330, -1.8404, -16.4288

Protanopia

224.2520, -5.5472, 5.9180

Deuteranopia

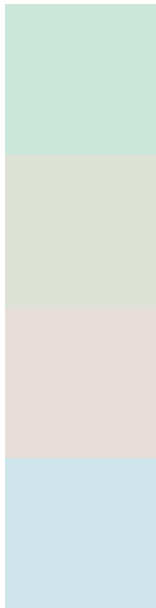
226.3120, -3.1118, 18.1434



Tritanopia

223.0720, 10.8105, -14.0951

Trichromacy



Original Color

220.7330, -1.8404, -16.4288

Protanomaly

222.8380, -4.3571, -2.4889

Deuteranomaly

224.3490, -2.6371, 5.8329

Tritanomaly

221.9210, 6.4479, -14.8397

Monochromacy



Original Color

220.7330, -1.8404, -16.4288

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.1410, -0.5625, -6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.7330, -1.8404, -16.4288 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(202, 231, 217)` looks like.

```
.text, #text, p{  
    color:rgb(202, 231, 217)  
}
```

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(202, 231, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 231, 217) }
```

Border

The CSS property to change the border of an element to YUV 220.7330, -1.8404, -16.4288 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(202, 231, 217) }
```


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

```
.border{ border-color:rgb(202, 231, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 231, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 231, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 231, 217);  
box-shadow:4px 4px 4px 4px rgb(202, 231,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 220.7330, -1.8404, -16.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 231, 217) }
```

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

```
.background{ background-color: rgb(202,  
231, 217) }
```

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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