

Converting Colors

YUV(220.3230, 6.7428,
-16.0693)

Have a look what the booklet for
YUV(220.3230, 6.7428, -16.0693)
contains.

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Color

**YUV(220.3230, 6.7428,
-16.0693)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE3EA
RGB	202, 227, 234
RGB Percent	79%, 89%, 92%
CMY	0.2078, 0.1098, 0.0824
CMYK	0.14, 0.03, 0.00, 0.08
HSL	193°, 43%, 85%
HSV	193°, 14%, 92%
XYZ	66.6775, 73.4352, 88.5020
YIQ	220.3230, -17.1470, -3.1230

Conversions

Conversions Part 2

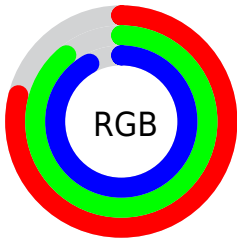
Format	Color
R _Y B	202, 216, 234
Decimal	13296618
CIE Lab	88.65, -6.83, -6.21
CIE LCh	89, 9.228, 222.300
Yxy	73.4352, 0.2917, 0.3212
Android (android.graphics.Color)	4291486698 (0xFFCAE3EA)
YUV	220.3230, 6.7428, -16.0693
Hunter-Lab	85.6944, -11.0770, -1.2465

Details

The YUV color $220.3230, 6.7428, -16.0693$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $215.6770, -6.7428, 16.0693$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.5080, 6.1586, -15.3545$ is the 20% darker color. If you saturate the color by 10%, you get $210.5110, 11.5801, -27.6351$, and if you desaturate by 10%, it is $230.1350, 1.9054, -4.5034$.

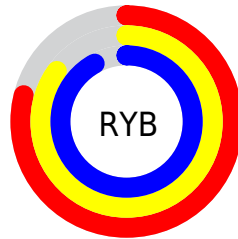
Distribution



Red (79%)

Green (89%)

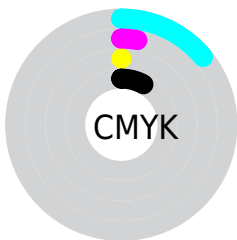
Blue (92%)



Red (79%)

Yellow (85%)

Blue (92%)

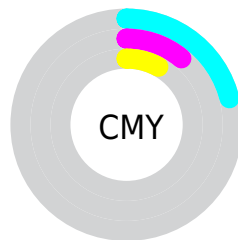


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (21%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.3230, 6.7428, -16.0693 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 220.3230, 6.7428, -16.0693 by changing the saturation by 10% instead.

■ 220.3230, 6.7428,
-16.0693

■ 220.3230, 6.7428,
-16.0693

255.0000, 0.0000,
0.0000

■ 192.3230, 6.7428,
-16.0693

■ 165.5080, 6.1586,
-15.3545

■ 138.9210, 6.4479,
-14.8397

■ 113.2200, 6.3005,
-14.2249

■ 88.8070, 6.0111,
-14.7397

■ 65.1060, 5.8637,
-14.1250

■ 42.9920, 5.4269,

-14.0250

■ 21.6930, 5.5744,
-14.6398

■ 1.0260, 3.9312,
-0.8998

■ 220.3230, 6.7428,
-16.0693

■ 220.3230, 6.7428,
-16.0693

■ 210.5110, 11.5801,
-27.6351

■ 230.1350, 1.9054,
-4.5034

■ 200.4000, 16.5648,
-39.8158

■ 240.2460, -3.0793,
7.6773

■ 190.5880, 21.4021,
-51.3817

■ 244.9750, -5.4107,
8.7919

■ 180.4770, 26.3868,
-63.5623

■ 247.9100, -6.8576,
6.2179

■ 170.0780, 31.5135,
-74.6134

■ 251.4320, -8.5940,
3.1291

■ 160.2660, 36.3509,
-86.1793

■ 252.6060, -9.1728,
2.0995

■ 150.1550, 41.3356,
-98.3599

■ 140.3430, 46.1729,
-109.9258

■ 134.0970, 49.2522,
-117.6031

Harmonies

Analogous

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



219.9980, 2.9590, -15.7842



220.3230, 6.7428, -16.0693



221.5130, 8.6211, -11.8509

Triad

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



220.3230, 6.7428, -16.0693



224.2340, 1.8566, 11.1958



221.8450, -8.3046, 3.6439

Complementary

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



220.3230, 6.7428, -16.0693



215.6770, -6.7428, 16.0693

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.



222.8890, -8.3263, 10.6213



220.3230, 6.7428, -16.0693



224.7030, -2.8116, 15.1695

Square

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



220.3230, 6.7428, -16.0693



223.9280, 5.9515, 4.4481



224.0790, -6.4479, 14.8397



221.0720, -5.9515, -4.4481

Rectangle

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



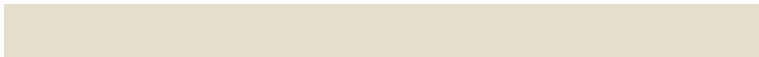
220.3230, 6.7428, -16.0693



222.2470, 8.7522, -7.2326



224.0790, -6.4479, 14.8397



222.1550, -8.4574, 6.0031

Sweetspot

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



220.3230, 6.7428, -16.0693



250.8360, 2.0529, -5.1182



221.5820, -6.2029, -17.1734



124.7330, 1.6106, -3.2738



0.0000, 0.0000, 0.0000



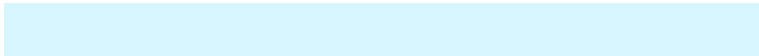
128.0000, 0.0000, 0.0000

Same Dimension

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



220.3230, 6.7428, -16.0693



237.4580, 8.6482, -20.5727



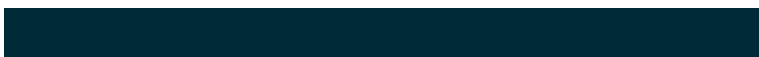
210.9310, 11.3730, -7.8325



112.5370, 2.2003, -5.7329



103.4010, 38.2563, -90.6827



30.8100, 11.4327, -27.0204

Inverse Universe

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



214.4180, 6.2029, 17.1734



229.9070, 7.9338, 22.0066



225.0690, -11.3730, 7.8325



110.3150, 2.3097, 5.8627



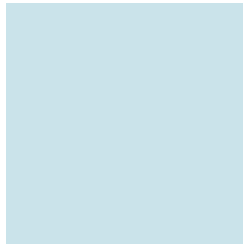
70.1930, 34.9079, 97.1777



20.9340, 10.3855, 28.9989

Previews

White Background



This preview shows how the YUV color 220.3230, 6.7428, -16.0693 looks on a white background.

Color Contrast Check

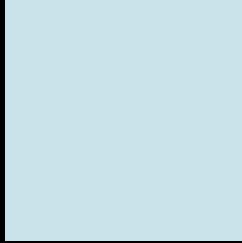
Large Text (above 18pt) WCAG AA × Fail

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 220.3230, 6.7428, -16.0693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

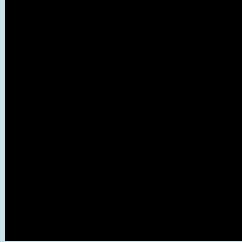
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.3230, 6.7428, -16.0693

Background



This preview shows how black text looks on a background with the YUV color 220.3230, 6.7428, -16.0693.



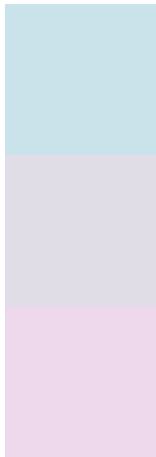
This preview shows how white text looks on a background with the YUV color 220.3230, 6.7428, -16.0693.

-16.0693.

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

220.3230, 6.7428, -16.0693

Protanopia

222.9230, 3.4890, 0.9445

Deuteranopia

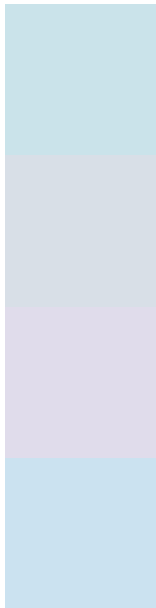
224.5590, 5.6404, 10.9108



Tritanopia

221.3600, 10.6685, -15.2247

Trichromacy



Original Color

220.3230, 6.7428, -16.0693

Protanomaly

221.8190, 4.5262, -5.1033

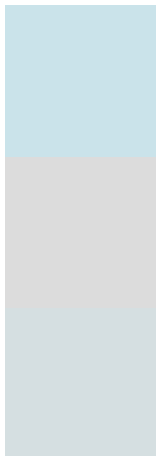
Deuteranomaly

222.9060, 5.9623, 0.9594

Tritanomaly

220.7190, 9.5055, -15.5396

Monochromacy



Original Color

220.3230, 6.7428, -16.0693

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.3230, 6.7428, -16.0693 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, 227, 234)` looks like.

```
.text, #text, p{  
    color:rgb(202, 227, 234)  
}
```

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, 227, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 227, 234) }
```

Border

The CSS property to change the border of an element to YUV 220.3230, 6.7428, -16.0693 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, 227, 234) }
```


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

```
.border{ border-color:rgb(202, 227, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 227, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 227, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 227, 234);  
box-shadow:4px 4px 4px 4px rgb(202, 227,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 220.3230, 6.7428, -16.0693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 227, 234) }
```

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

```
.background{ background-color: rgb(202,  
227, 234) }
```

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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