

Converting Colors

YUV(212.3690, 17.0731,
-16.1096)

Have a look what the booklet for
YUV(212.3690, 17.0731, -16.1096)
contains.

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Color

**YUV(212.3690, 17.0731,
-16.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D7F7
RGB	194, 215, 247
RGB Percent	76%, 84%, 97%
CMY	0.2392, 0.1569, 0.0314
CMYK	0.21, 0.13, 0.00, 0.03
HSL	216°, 77%, 86%
HSV	216°, 21%, 97%
XYZ	63.3371, 66.7856, 97.5484
YIQ	212.3690, -22.7880, 5.5000

Conversions

Conversions Part 2

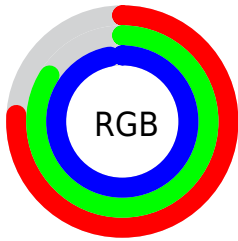
Format	Color
R_{YB}	194, 209, 247
Decimal	12769271
CIE Lab	85.40, -0.32, -17.98
CIE LCh	85, 17.987, 268.971
Yxy	66.7856, 0.2782, 0.2933
Android (android.graphics.Color)	4290959351 (0xFFC2D7F7)
YUV	212.3690, 17.0731, -16.1096
Hunter-Lab	81.7225, -4.6721, -13.5660

Details

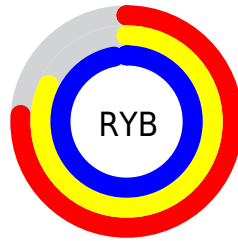
The YUV color $212.3690, 17.0731, -16.1096$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $228.6310, -17.0731, 16.1096$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $157.5540, 16.4889, -15.3949$ is the 20% darker color. If you saturate the color by 10%, you get $196.0890, 25.0991, -23.7571$, and if you desaturate by 10%, it is $228.6490, 9.0470, -8.4622$.

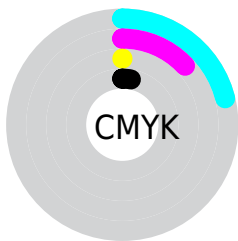
Distribution



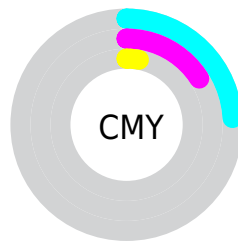
- Red (76%)
- Green (84%)
- Blue (97%)



- Red (76%)
- Yellow (82%)
- Blue (97%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3690, 17.0731, -16.1096 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 212.3690, 17.0731, -16.1096 by changing the saturation by 10% instead.

■ 212.3690, 17.0731,
-16.1096

■ 212.3690, 17.0731,
-16.1096

255.0000, 0.0000,
0.0000

■ 184.2550, 16.6363,
-16.0096

■ 253.8040, 0.5896,
-2.4591

■ 157.5540, 16.4889,
-15.3949

■ 131.3260, 15.6153,
-15.1949

■ 105.9130, 15.3259,
-15.7097

■ 81.7990, 14.8891,
-15.6097

■ 58.2720, 14.1629,
-16.0245

■ 35.2610, 14.1683,

-17.7689

■ 15.9410, 12.8471,
-13.9803

■ 2.9810, 8.8834,
-2.6143

■ 212.3690, 17.0731,
-16.1096

■ 212.3690, 17.0731,
-16.1096

■ 196.0890, 25.0991,
-23.7571

■ 228.6490, 9.0470,
-8.4622

■ 180.1080, 32.9778,
-30.7897

■ 244.6300, 1.1684,
-1.4295

■ 163.8280, 41.0038,
-38.4372

■ 254.0880, -3.4944,
0.7998

■ 147.5480, 49.0298,
-46.0846

■ 131.2680, 57.0559,
-53.7320

■ 115.8740, 64.6451,
-61.2795

■ 99.5940, 72.6712,
-68.9269

■ 85.6840, 79.5288,
-75.1449

Harmonies

Analogous

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



209.3520, 16.0955, -29.2497



212.3690, 17.0731, -16.1096



214.9690, 13.8193, 0.9042

Triad

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



212.3690, 17.0731, -16.1096



216.1840, -8.9647, 28.7796



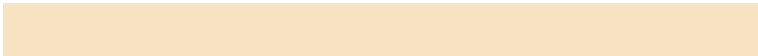
208.7670, -6.7871, -16.4587

Complementary

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



212.3690, 17.0731, -16.1096



228.6310, -17.0731, 16.1096

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.



210.7320, -13.6719, -1.5190



212.3690, 17.0731, -16.1096



214.9570, -14.7688, 23.7167

Square

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



212.3690, 17.0731, -16.1096



216.9370, -0.9549, 26.3653



213.1360, -16.3360, 13.0357



207.3940, 2.2708, -28.4095

Rectangle

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



212.3690, 17.0731, -16.1096



216.2970, 9.7136, 11.1405



213.1360, -16.3360, 13.0357



209.5180, -9.1294, -11.8553

Sweetspot

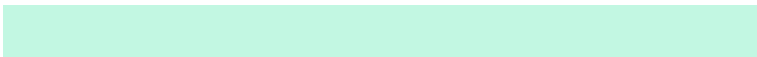
The Sweet Spot groups the original color and five complimentary colors.



212.3690, 17.0731, -16.1096



245.2320, 4.8156, -4.5885



228.7590, -1.3602, -30.4836



121.7870, 3.0630, -2.4442



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.



212.3690, 17.0731, -16.1096



211.7860, 21.3045, -19.9833



201.5370, 22.4133, -2.2249



114.3030, 3.7946, -3.7737



64.6420, 59.8295, -56.6910



20.2270, 19.1151, -17.7391

Inverse Universe

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



212.2410, 1.3602, 30.4836



211.6980, 1.6279, 37.9759



239.4630, -22.4133, 2.2249



114.1580, 0.4151, 6.8774



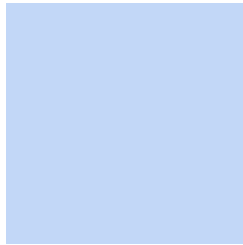
64.0500, 4.9054, 106.9502



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 212.3690, 17.0731, -16.1096 looks on a white background.

Color Contrast Check

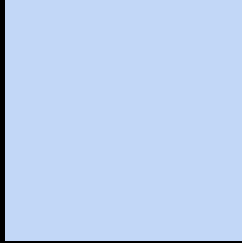
Large Text (above 18pt) WCAG AA × Fail

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 212.3690, 17.0731, -16.1096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

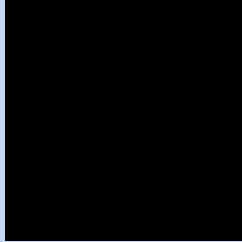
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

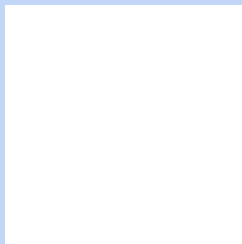
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.3690, 17.0731, -16.1096

Background



This preview shows how black text looks on a background with the YUV color 212.3690, 17.0731, -16.1096.



This preview shows how white text looks on a background with the YUV color 212.3690, 17.0731, -16.1096.

-16.1096.

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

212.3690, 17.0731, -16.1096

Protanopia

213.6800, 15.4408, -5.8584

Deuteranopia

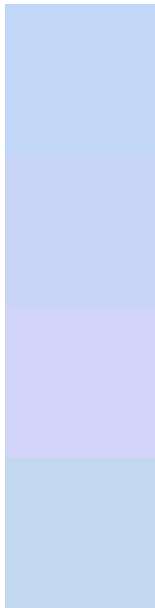
215.2510, 16.1453, 1.5339



Tritanopia

211.4630, 11.1107, -17.0691

Trichromacy



Original Color

212.3690, 17.0731, -16.1096

Protanomaly

212.8860, 16.3252, -9.5470

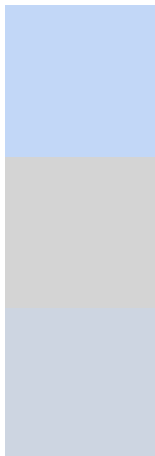
Deuteranomaly

214.6200, 16.4563, -4.9287

Tritanomaly

211.7450, 13.4367, -16.4394

Monochromacy



Original Color

212.3690, 17.0731, -16.1096

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3690, 17.0731, -16.1096 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, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(194, 215, 247)  
}
```

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, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 215, 247) }
```

Border

The CSS property to change the border of an element to YUV 212.3690, 17.0731, -16.1096 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, 215, 247) }
```


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

```
.border{ border-color:rgb(194, 215, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 215, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 215, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 215, 247);  
box-shadow:4px 4px 4px 4px rgb(194, 215,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 212.3690, 17.0731, -16.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 215, 247) }
```

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

```
.background{ background-color: rgb(194,  
215, 247) }
```

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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