

Converting Colors

YUV(221.5510, 7.6164,
-16.2692)

Have a look what the booklet for
YUV(221.5510, 7.6164, -16.2692)
contains.

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Color

**YUV(221.5510, 7.6164,
-16.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE4ED
RGB	203, 228, 237
RGB Percent	80%, 89%, 93%
CMY	0.2039, 0.1059, 0.0706
CMYK	0.14, 0.04, 0.00, 0.07
HSL	196°, 49%, 86%
HSV	196°, 14%, 93%
XYZ	67.6581, 74.2977, 90.8957
YIQ	221.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

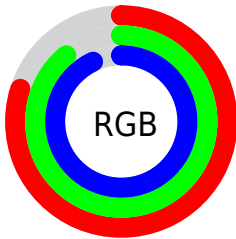
Format	Color
R _Y B	203, 217, 237
Decimal	13362413
CIE Lab	89.06, -6.42, -7.17
CIE LCh	89, 9.626, 228.189
Yxy	74.2977, 0.2906, 0.3191
Android (android.graphics.Color)	4291552493 (0xFFCBE4ED)
YUV	221.5510, 7.6164, -16.2692
Hunter-Lab	86.1961, -10.7330, -2.1853

Details

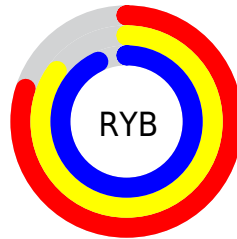
The YUV color $221.5510, 7.6164, -16.2692$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.4490, -7.6164, 16.2692$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.7360, 7.0322, -15.5545$ is the 20% darker color. If you saturate the color by 10%, you get $210.8530, 12.8905, -27.9351$, and if you desaturate by 10%, it is $232.2490, 2.3422, -4.6034$.

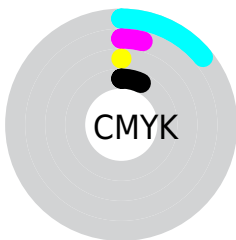
Distribution



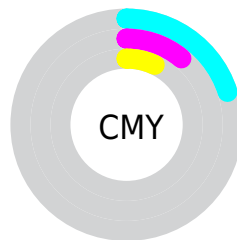
- Red (80%)
- Green (89%)
- Blue (93%)



- Red (80%)
- Yellow (85%)
- Blue (93%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.5510, 7.6164, -16.2692 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 221.5510, 7.6164, -16.2692 by changing the saturation by 10% instead.

■ 221.5510, 7.6164,
-16.2692

■ 221.5510, 7.6164,
-16.2692

255.0000, 0.0000,
0.0000

■ 193.5510, 7.6164,
-16.2692

■ 166.7360, 7.0322,
-15.5545

■ 140.0350, 6.8847,
-14.9397

■ 114.0350, 6.8847,
-14.9397

■ 89.9210, 6.4479,
-14.8397

■ 66.2200, 6.3005,
-14.2249

■ 43.2200, 6.3005,

-14.2249

■ 21.9210, 6.4479,
-14.8397

■ 2.0690, 5.3890,
-1.8145

■ 221.5510, 7.6164,
-16.2692

■ 221.5510, 7.6164,
-16.2692

■ 210.8530, 12.8905,
-27.9351

■ 232.2490, 2.3422,
-4.6034

■ 199.8670, 18.3066,
-38.4714

■ 243.2350, -3.0739,
5.9329

■ 189.1690, 23.5807,
-50.1372

■ 248.2520, -5.5472,
5.9180

■ 178.4710, 28.8548,
-61.8031

■ 251.7740, -7.2836,
2.8292

■ 167.7730, 34.1289,
-73.4689

■ 252.9480, -7.8624,
1.7996

■ 156.7870, 39.5450,
-84.0052

■ 146.0890, 44.8191,
-95.6711

■ 135.3910, 50.0932,
-107.3369

■ 129.1560, 53.1671,
-113.2698

Harmonies

Analogous

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



220.6280, 4.1274, -17.2138



221.5510, 7.6164, -16.2692



222.9260, 8.9105, -11.3361

Triad

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



221.5510, 7.6164, -16.2692



226.0170, 0.9776, 13.1401



222.8340, -8.2992, 1.8996

Complementary

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



221.5510, 7.6164, -16.2692



218.4490, -7.6164, 16.2692

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.



224.0630, -8.9051, 9.5917



221.5510, 7.6164, -16.2692



225.7740, -3.8326, 15.9842

Square

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



221.5510, 7.6164, -16.2692



225.4120, 5.2199, 5.7777



224.8510, -7.3215, 15.0397



221.5880, -5.2199, -5.7777

Rectangle

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



221.5510, 7.6164, -16.2692



223.9590, 8.8942, -6.1030



224.8510, -7.3215, 15.0397



223.4430, -8.5994, 4.8735

Sweetspot

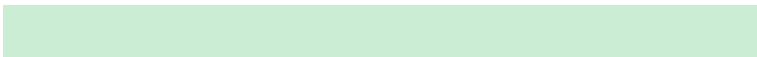
The Sweet Spot groups the original color and five complimentary colors.



221.5510, 7.6164, -16.2692



250.2490, 2.3422, -4.6034



223.8700, -6.3449, -18.3030



124.7330, 1.6106, -3.2738



0.0000, 0.0000, 0.0000



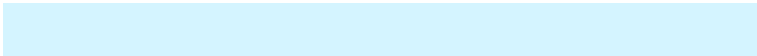
128.0000, 0.0000, 0.0000

Same Dimension

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



221.5510, 7.6164, -16.2692



235.6860, 9.5218, -20.7726



211.5720, 12.5360, -7.5176



111.9500, 2.4897, -5.2181



98.7050, 40.5714, -86.5643



29.0490, 12.3008, -25.4760

Inverse Universe

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



216.0160, 5.9081, 18.4030



228.5050, 7.6390, 23.2361



227.8410, -12.2466, 8.0324



110.2010, 1.8729, 5.9627



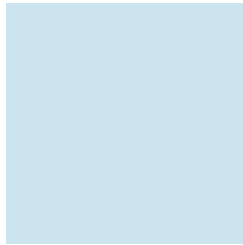
69.2810, 31.4135, 97.9776



20.5920, 9.0751, 29.2988

Previews

White Background



This preview shows how the YUV color 221.5510, 7.6164, -16.2692 looks on a white background.

Color Contrast Check

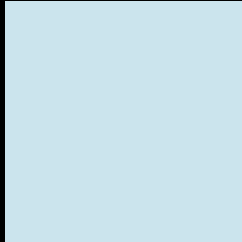
Large Text (above 18pt) WCAG AA × Fail

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 221.5510, 7.6164, -16.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

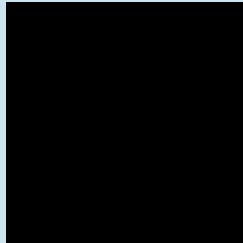
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

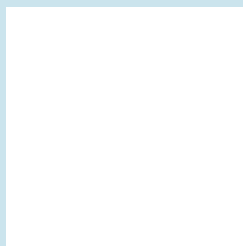
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.5510, 7.6164, -16.2692

Background



This preview shows how black text looks on a background with the YUV color 221.5510, 7.6164, -16.2692.



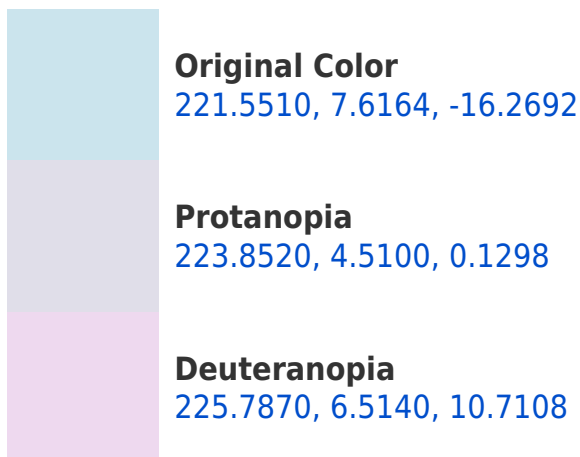
This preview shows how white text looks on a background with the YUV color 221.5510, 7.6164, -16.2692.

-16.2692.

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

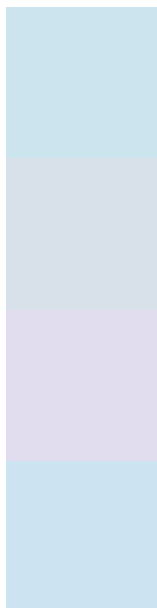




Tritanopia

222.1750, 11.2527, -15.9395

Trichromacy



Original Color

221.5510, 7.6164, -16.2692

Protanomaly

222.7480, 5.5472, -5.9180

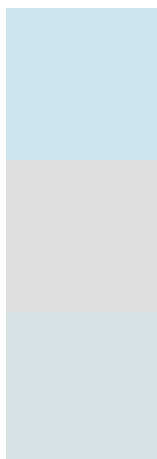
Deuteranomaly

224.1340, 6.8359, 0.7595

Tritanomaly

221.8330, 9.9423, -15.6395

Monochromacy



Original Color

221.5510, 7.6164, -16.2692

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.6510, 2.6371, -5.8329

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.5510, 7.6164, -16.2692 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(203, 228, 237)` looks like.

```
.text, #text, p{  
    color:rgb(203, 228, 237)  
}
```

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(203, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 228, 237) }
```

Border

The CSS property to change the border of an element to YUV 221.5510, 7.6164, -16.2692 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(203, 228, 237) }
```


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

```
.border{ border-color:rgb(203, 228, 237) }
```

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

Here you see how a box with a 4 pixel rgb(203, 228, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(203, 228,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 221.5510, 7.6164, -16.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 228, 237) }
```

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

```
.background{ background-color: rgb(203,  
228, 237) }
```

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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