

Converting Colors

YUV(216.7430, -0.3663,
-22.5766)

Have a look what the booklet for
YUV(216.7430, -0.3663, -22.5766)
contains.

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Color

**YUV(216.7430, -0.3663,
-22.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE6D8
RGB	191, 230, 216
RGB Percent	75%, 90%, 85%
CMY	0.2510, 0.0980, 0.1529
CMYK	0.17, 0.00, 0.06, 0.10
HSL	158°, 44%, 83%
HSV	158°, 17%, 90%
XYZ	62.1773, 72.6279, 75.7072
YIQ	216.7430, -18.7500, -12.6220

Conversions

Conversions Part 2

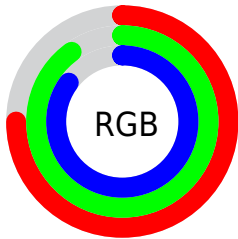
Format	Color
RYB	191, 215, 230
Decimal	12576472
CIELab	88.27, -15.39, 2.59
CIELCh	88, 15.611, 170.441
Yxy	72.6279, 0.2954, 0.3450
Android (android.graphics.Color)	4290766552 (0xFFBFE6D8)
YUV	216.7430, -0.3663, -22.5766
Hunter-Lab	85.2220, -18.9062, 6.9849

Details

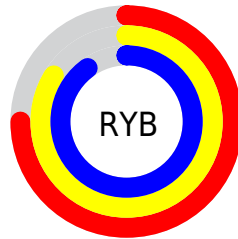
The YUV color $216.7430, -0.3663, -22.5766$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $204.2570, 0.3663, 22.5766$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9070, 1.0318, -4.3034$, and $161.4550, -0.2243, -21.4470$ is the 20% darker color. If you saturate the color by 10%, you get $208.9540, -0.4703, -35.9167$, and if you desaturate by 10%, it is $224.5320, -0.2623, -9.2366$.

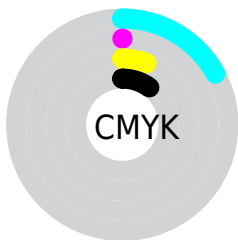
Distribution



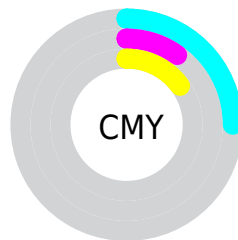
- Red (75%)
- Green (90%)
- Blue (85%)



- Red (75%)
- Yellow (84%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.7430, -0.3663, -22.5766 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 216.7430, -0.3663, -22.5766 by changing the saturation by 10% instead.

■ 216.7430, -0.3663,
-22.5766

■ 216.7430, -0.3663,
-22.5766

255.0000, 0.0000,
0.0000

■ 189.0420, -0.5137,
-21.9618

■ 252.9070, 1.0318,
-4.3034

■ 161.4550, -0.2243,
-21.4470

■ 135.4550, -0.2243,
-21.4470

■ 109.8680, 0.0651,
-20.9322

■ 85.1670, -0.0823,
-20.3175

■ 61.5800, 0.2071,
-19.8027

■ 38.6940, 0.6439,

-19.9026

■ 19.8900, 0.0542,
-17.4435

■ 0.0000, 0.0000,
0.0000

■ 216.7430, -0.3663,
-22.5766

■ 216.7430, -0.3663,
-22.5766

■ 208.9540, -0.4703,
-35.9167

■ 224.5320, -0.2623,
-9.2366

■ 201.0510, -1.0111,
-49.1567

■ 232.4350, 0.2785,
4.0035

■ 193.2620, -1.1152,
-62.4968

■ 238.7290, 1.1196,
14.2697

■ 185.4730, -1.2192,
-75.8368

■ 239.6410, 4.6140,
13.4698

■ 177.6840, -1.3232,
-89.1769

■ 240.3250, 7.2348,
12.8700

■ 169.7810, -1.8640,
-102.4169

■ 161.9920, -1.9681,
-115.7570

■ 154.2030, -2.0721,
-129.0970

■ 151.7680, -2.3506,
-133.1005

Harmonies

Analogous

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



218.1590, -7.9664, -11.5404



216.7430, -0.3663, -22.5766



216.3600, 7.2175, -28.3797

Triad

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



216.7430, -0.3663, -22.5766



222.1210, 13.2513, -3.6141



223.0540, -11.8586, 23.6316

Complementary

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



216.7430, -0.3663, -22.5766



204.2570, 0.3663, 22.5766

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.



224.5580, -6.1911, 25.8206



216.7430, -0.3663, -22.5766



224.2430, 8.2612, 10.3109

Square

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



216.7430, -0.3663, -22.5766



219.7880, 14.8945, -17.3541



224.7730, 1.0979, 21.2471



221.6030, -14.5943, 14.3802

Rectangle

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



216.7430, -0.3663, -22.5766



217.0980, 11.2907, -28.1499



224.7730, 1.0979, 21.2471



223.5210, -10.1169, 24.9761

Sweetspot

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



216.7430, -0.3663, -22.5766



250.5430, -0.2677, -7.4922



218.0790, -13.3499, -11.4703



125.2660, -0.1311, -4.6183



0.0000, 0.0000, 0.0000



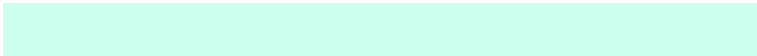
128.0000, 0.0000, 0.0000

Same Dimension

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



216.7430, -0.3663, -22.5766



237.6990, -0.3446, -29.5540



215.4040, 7.1958, -21.4023



110.9560, 0.0217, -6.9774



118.0690, -2.0060, -103.5465



33.6990, -0.3446, -29.5540

Inverse Universe

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



204.2570, 0.3663, 22.5766



221.3010, 0.3446, 29.5540



205.5960, -7.1958, 21.4023



107.0440, -0.0217, 6.9774



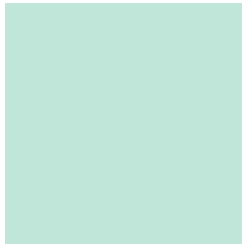
60.8170, 1.5692, 103.6465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 216.7430, -0.3663, -22.5766 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 216.7430, -0.3663, -22.5766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

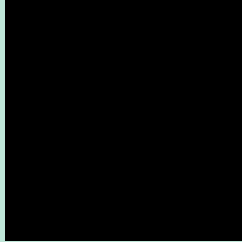
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

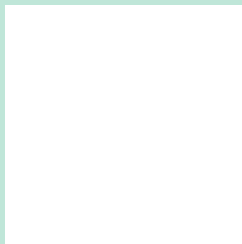
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.7430, -0.3663, -22.5766

Background



This preview shows how black text looks on a background with the YUV color 216.7430, -0.3663, -22.5766.



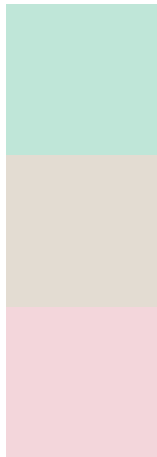
This preview shows how white text looks on a background with the YUV color 216.7430, -0.3663, -22.5766.

-22.5766.

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

216.7430, -0.3663, -22.5766

Protanopia

220.9530, -5.3998, 5.3032

Deuteranopia

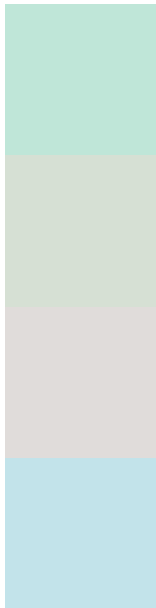
223.2410, -2.0908, 17.3286



Tritanopia

219.0820, 12.2846, -20.2429

Trichromacy



Original Color

216.7430, -0.3663, -22.5766

Protanomaly

219.6420, -3.7675, -4.9480

Deuteranomaly

220.9680, -1.4632, 2.6591

Tritanomaly

217.9310, 7.9220, -20.9875

Monochromacy



Original Color

216.7430, -0.3663, -22.5766

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.2440, -0.1203, -8.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7430, -0.3663, -22.5766 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(191, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(191, 230, 216)  
}
```

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(191, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 230, 216) }
```

Border

The CSS property to change the border of an element to YUV 216.7430, -0.3663, -22.5766 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(191, 230, 216) }
```


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

```
.border{ border-color:rgb(191, 230, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 230, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(191, 230,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 216.7430, -0.3663, -22.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 230, 216) }
```

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

```
.background{ background-color: rgb(191,  
230, 216) }
```

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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