

Converting Colors

YUV(215.8960, -22.6267,
-22.7108)

Have a look what the booklet for
YUV(215.8960, -22.6267, -22.7108)
contains.

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Color

**YUV(215.8960, -22.6267,
-22.7108)**

Conversions

Conversions Part 1

Format	Color
Hex	BEEEEA
RGB	190, 238, 170
RGB Percent	75%, 93%, 67%
CMY	0.2549, 0.0667, 0.3333
CMYK	0.20, 0.00, 0.29, 0.07
HSL	102°, 67%, 80%
HSV	102°, 29%, 93%
XYZ	59.0654, 74.9985, 49.3933
YIQ	215.8960, -6.7800, -31.3240

Conversions

Conversions Part 2

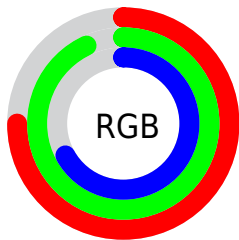
Format	Color
RYB	170, 238, 218
Decimal	12512938
CIELab	89.39, -27.60, 28.04
CIELCh	89, 39.341, 134.547
Yxy	74.9985, 0.3220, 0.4088
Android (android.graphics.Color)	4290703018 (0xFFBEEEA)
YUV	215.8960, -22.6267, -22.7108
Hunter-Lab	86.6017, -29.8095, 26.8051

Details

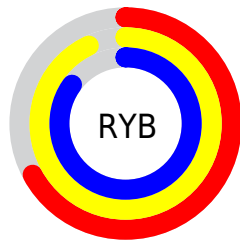
The YUV color **215.8960, -22.6267, -22.7108** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **192.1040, 22.6267, 22.7108**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3020, -11.4879, -2.0189**, and **160.8360, -21.6111, -21.7812** is the 20% darker color. If you saturate the color by 10%, you get **208.0770, -30.6040, -30.7625**, and if you desaturate by 10%, it is **223.7150, -14.6495, -14.6591**.

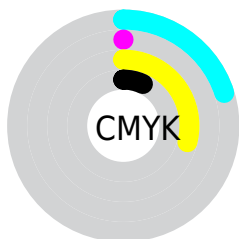
Distribution



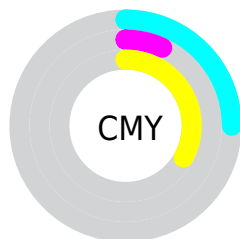
- Red (75%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (25%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.8960, -22.6267, -22.7108 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 215.8960, -22.6267, -22.7108 by changing the saturation by 10% instead.

■ 215.8960,
-22.6267, -22.7108

■ 215.8960,
-22.6267, -22.7108

255.0000, 0.0000,
0.0000

■ 188.0100,
-22.1899, -22.8108

■ 249.3020,
-11.4879, -2.0189

■ 160.8360,
-21.6111, -21.7812

254.8860, -0.4368,
0.1000

■ 134.0640,
-20.7376, -21.9811

■ 108.5910,
-20.0114, -21.5663

■ 83.2320, -18.8484,
-21.2515

■ 59.0470, -18.2642,
-21.9662

■ 35.2640, -17.3852,

-23.9105

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 215.8960,
-22.6267, -22.7108

■ 215.8960,
-22.6267, -22.7108

■ 208.0770,
-30.6040, -30.7625

■ 223.7150,
-14.6495, -14.6591

■ 200.2580,
-38.5812, -38.8143

■ 231.5340, -6.6723,
-6.6073

■ 192.8520,
-46.2690, -46.3512

■ 238.9400, 1.0156,
0.9296

■ 185.0330,
-54.2463, -54.4029

■ 245.0210, 4.9196,
8.7516

■ 177.2140,
-62.2235, -62.4547

■ 169.3950,
-70.2007, -70.5064

■ 161.5760,
-78.1780, -78.5582

■ 160.6360,
-79.1935, -79.4878

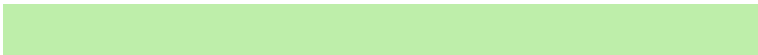
Harmonies

Analogous

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



220.4180, -34.2231, 10.1574



215.8960, -22.6267, -22.7108



209.7250, -3.3154, -56.7638

Triad

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



215.8960, -22.6267, -22.7108



209.7830, 22.2920, -56.8147



215.5960, -3.7448, 34.5573

Complementary

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



215.8960, -22.6267, -22.7108



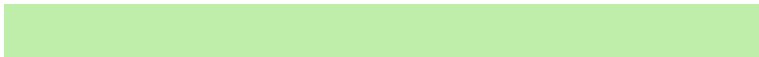
192.1040, 22.6267, 22.7108

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.



221.1020, 12.2747, 29.7285



215.8960, -22.6267, -22.7108



219.7820, 17.3625, -15.5948

Square

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



215.8960, -22.6267, -22.7108



201.6220, 26.3154, -87.3685



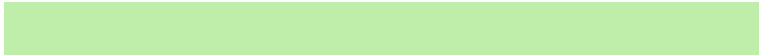
227.4000, 13.6068, 22.4512



215.8290, -20.6217, 34.3530

Rectangle

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



215.8960, -22.6267, -22.7108



205.2030, 11.7319, -76.4770



227.4000, 13.6068, 22.4512



216.3770, 1.7861, 33.8724

Sweetspot

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



215.8960, -22.6267, -22.7108



247.5940, -7.6878, -7.5369



218.5080, -23.9144, 17.0945



123.3000, -5.0779, -4.6481



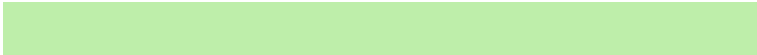
0.0000, 0.0000, 0.0000



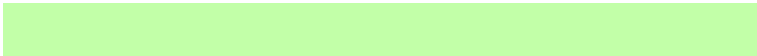
128.0000, 0.0000, 0.0000

Same Dimension

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



215.8960, -22.6267, -22.7108



226.8430, -29.0096, -28.8033



211.5120, -13.5634, -36.4060



115.9410, -3.9149, -4.3333



124.1540, -61.2079, -61.5251



37.9550, -18.7118, -18.3775

Inverse Universe

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



192.1040, 22.6267, 22.7108



196.4560, 28.8622, 29.4181



196.4880, 13.5634, 36.4060



111.7600, 4.0623, 3.7185



59.8460, 61.2079, 61.5251



18.3440, 18.5644, 18.9923

Previews

White Background



This preview shows how the YUV color 215.8960, -22.6267, -22.7108 looks on a white background.

Color Contrast Check

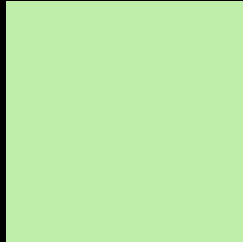
Large Text (above 18pt) WCAG AA × Fail

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 215.8960, -22.6267, -22.7108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

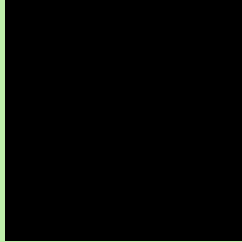
Any Text WCAG AA ✓ Pass

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 215.8960, -22.6267, -22.7108 Background



This preview shows how black text looks on a background with the YUV color 215.8960, -22.6267, -22.7108.



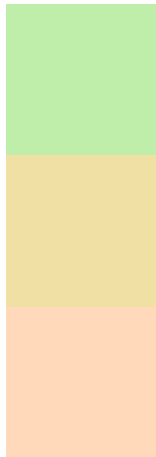
This preview shows how white text looks on a background with the YUV color 215.8960, -22.6267, -22.7108.

-22.7108.

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

215.8960, -22.6267, -22.7108

Protanopia

222.2430, -28.7138, 16.4499

Deuteranopia

224.8280, -19.1422, 26.4608



Tritanopia

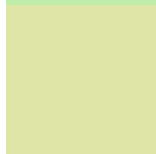
222.2780, 11.6949, -17.7838

Trichromacy



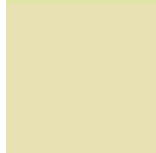
Original Color

215.8960, -22.6267, -22.7108



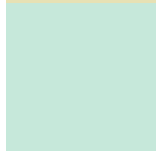
Protanomaly

219.7250, -26.4864, 1.9952



Deuteranomaly

221.6640, -20.5404, 8.1877



Tritanomaly

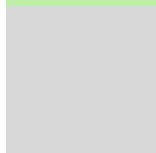
220.2380, -1.1033, -19.5027

Monochromacy



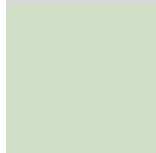
Original Color

215.8960, -22.6267, -22.7108



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.0670, -8.4140, -7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.8960, -22.6267, -22.7108 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(190, 238, 170)` looks like.

```
.text, #text, p{  
    color:rgb(190, 238, 170)  
}
```

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(190, 238, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 238, 170) }
```

Border

The CSS property to change the border of an element to YUV 215.8960, -22.6267, -22.7108 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(190, 238, 170) }
```


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

```
.border{ border-color:rgb(190, 238, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 238, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 238, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 238, 170);  
box-shadow:4px 4px 4px 4px rgb(190, 238,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 215.8960, -22.6267, -22.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 238, 170) }
```

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

```
.background{ background-color: rgb(190,  
238, 170) }
```

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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