

Converting Colors

YUV(217.5800, -3.2439,
-32.9577)

Have a look what the booklet for
YUV(217.5800, -3.2439, -32.9577)
contains.

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Color

**YUV(217.5800, -3.2439,
-32.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	B4EED3
RGB	180, 238, 211
RGB Percent	71%, 93%, 83%
CMY	0.2941, 0.0667, 0.1725
CMYK	0.24, 0.00, 0.11, 0.07
HSL	152°, 63%, 82%
HSV	152°, 24%, 93%
XYZ	61.1548, 75.5555, 72.9885
YIQ	217.5800, -25.9010, -20.6930

Conversions

Conversions Part 2

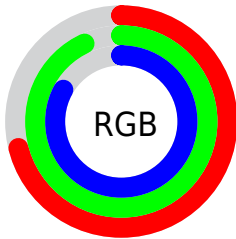
Format	Color
RYB	180, 218, 238
Decimal	11857619
CIELab	89.65, -23.75, 7.12
CIElCh	90, 24.792, 163.302
Yxy	75.5555, 0.2916, 0.3603
Android (android.graphics.Color)	4290047699 (0xFFB4EED3)
YUV	217.5800, -3.2439, -32.9577
Hunter-Lab	86.9227, -26.5303, 11.0604

Details

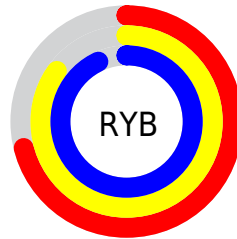
The YUV color **217.5800, -3.2439, -32.9577** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **200.4200, 3.2439, 32.9577**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6180, 2.6533, -11.0660**, and **162.2920, -3.1020, -31.8281** is the 20% darker color. If you saturate the color by 10%, you get **209.1500, -4.5110, -46.6126**, and if you desaturate by 10%, it is **226.0100, -1.9769, -19.3028**.

Distribution



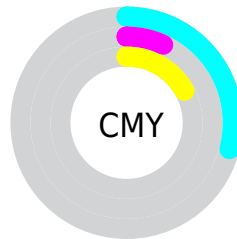
- Red (71%)
- Green (93%)
- Blue (83%)



- Red (71%)
- Yellow (85%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (29%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.5800, -3.2439, -32.9577 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 217.5800, -3.2439, -32.9577 by changing the saturation by 10% instead.

 217.5800, -3.2439,
-32.9577

 217.5800, -3.2439,
-32.9577


255.0000, 0.0000,
0.0000


 189.8790, -3.3913,
-32.3429


 249.6180, 2.6533,
-11.0660

 162.2920, -3.1020,
-31.8281

 135.7050, -2.8126,
-31.3133

 110.1180, -2.5232,
-30.7985

 84.6450, -1.7970,
-30.3837

 60.1610, -1.0654,
-31.7132

 37.0900, -0.0444,

-32.5279

■ 21.7820, -2.8505,
-19.1028

■ 0.0000, 0.0000,
0.0000

■ 217.5800, -3.2439,
-32.9577

■ 217.5800, -3.2439,
-32.9577

■ 209.1500, -4.5110,
-46.6126

■ 226.0100, -1.9769,
-19.3028

■ 200.7200, -5.7780,
-60.2674

■ 234.4400, -0.7099,
-5.6479

■ 192.5890, -7.1924,
-73.3076

■ 242.5710, 0.7045,
7.3922

■ 184.1590, -8.4594,
-86.9624

■ 245.0210, 4.9196,
8.7516

■ 175.7290, -9.7264,
-100.6173

■ 167.2990,
-10.9934, -114.2722

■ 158.7550,
-12.6972, -127.8271

■ 154.1840,
-13.4017, -135.2194

Harmonies

Analogous

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



220.6120, -15.0917, -12.8147



217.5800, -3.2439, -32.9577



215.8200, 9.4557, -46.3231

Triad

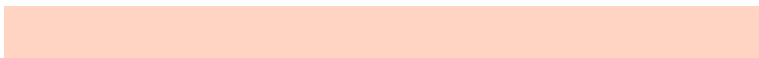
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.5800, -3.2439, -32.9577



223.9460, 15.3096, -10.4766



222.8050, -14.2009, 28.2350

Complementary

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



217.5800, -3.2439, -32.9577



200.4200, 3.2439, 32.9577

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.



223.4380, -4.1599, 27.6799



217.5800, -3.2439, -32.9577



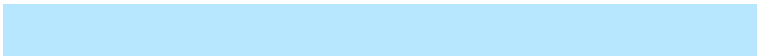
228.2200, 13.2025, 12.0851

Square

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



217.5800, -3.2439, -32.9577



219.0850, 17.7061, -32.5235



226.8750, 6.4706, 24.6656



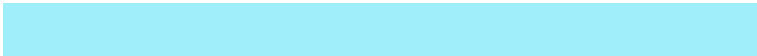
225.4320, -21.9050, 25.9311

Rectangle

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



217.5800, -3.2439, -32.9577



216.0460, 16.7393, -49.1523



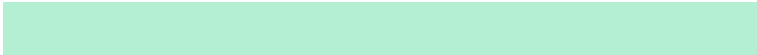
226.8750, 6.4706, 24.6656



222.9020, -11.2907, 28.1499

Sweetspot

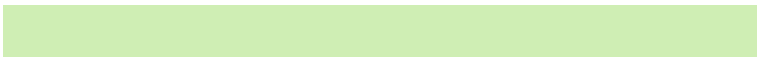
The Sweet Spot groups the original color and five complimentary colors.



217.5800, -3.2439, -32.9577



248.7060, -0.8411, -10.2662



222.1190, -20.7647, -13.2594



124.1410, -0.5625, -6.2627



0.0000, 0.0000, 0.0000



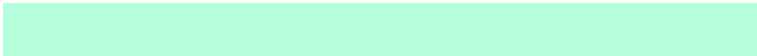
128.0000, 0.0000, 0.0000

Same Dimension

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



217.5800, -3.2439, -32.9577



228.9980, -3.9430, -42.0942



219.4840, 9.1284, -34.6275



115.7280, -0.8519, -6.7775



119.1800, -10.4417, -104.5209



36.2920, -3.1020, -31.8281

Inverse Universe

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



200.4200, 3.2439, 32.9577



207.0020, 3.9430, 42.0942



198.5160, -9.1284, 34.6275



112.1580, 0.4151, 6.8774



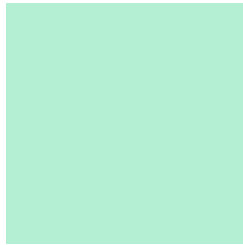
64.7060, 10.0049, 104.6208



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 217.5800, -3.2439, -32.9577 looks on a white background.

Color Contrast Check

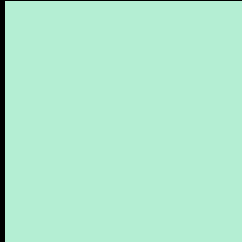
Large Text (above 18pt) WCAG AA × Fail

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 217.5800, -3.2439, -32.9577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

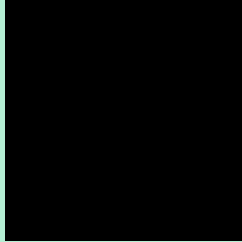
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

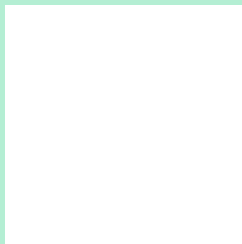
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.5800, -3.2439, -32.9577

Background



This preview shows how black text looks on a background with the YUV color 217.5800, -3.2439, -32.9577.



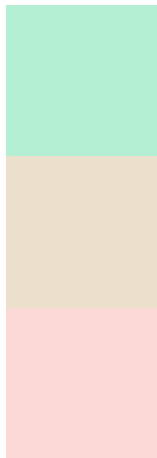
This preview shows how white text looks on a background with the YUV color 217.5800, -3.2439, -32.9577.

-32.9577.

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

217.5800, -3.2439, -32.9577

Protanopia

224.5960, -10.6468, 8.2473

Deuteranopia

226.6390, -5.7380, 20.4876



Tritanopia

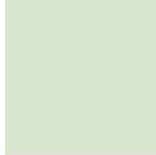
221.0100, 14.7851, -28.9498

Trichromacy



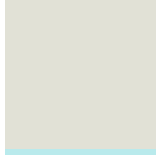
Original Color

217.5800, -3.2439, -32.9577



Protanomaly

221.8930, -7.8352, -6.9222



Deuteranomaly

223.7460, -4.8048, 1.0998



Tritanomaly

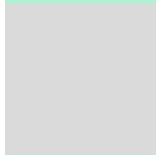
219.5770, 8.0965, -30.3240

Monochromacy



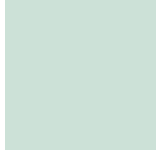
Original Color

217.5800, -3.2439, -32.9577



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.5810, -1.2724, -11.9105

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.5800, -3.2439, -32.9577 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(180, 238, 211)` looks like.

```
.text, #text, p{  
    color:rgb(180, 238, 211)  
}
```

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(180, 238, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 238, 211) }
```

Border

The CSS property to change the border of an element to YUV 217.5800, -3.2439, -32.9577 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(180, 238, 211) }
```


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

```
.border{ border-color:rgb(180, 238, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 238, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 238, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 238, 211);  
box-shadow:4px 4px 4px 4px rgb(180, 238,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 217.5800, -3.2439, -32.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 238, 211) }
```

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

```
.background{ background-color: rgb(180,  
238, 211) }
```

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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