

Converting Colors

YUV(217.4600, 2.2382,
-17.9434)

Have a look what the booklet for
YUV(217.4600, 2.2382, -17.9434)
contains.

YUV(217.4600, 2.2382, -17.9434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(217.4600, 2.2382,
-17.9434)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E3DE
RGB	197, 227, 222
RGB Percent	77%, 89%, 87%
CMY	0.2275, 0.1098, 0.1294
CMYK	0.13, 0.00, 0.02, 0.11
HSL	170°, 35%, 83%
HSV	170°, 13%, 89%
XYZ	63.6799, 72.0824, 79.6643
YIQ	217.4600, -16.2750, -7.9150

Conversions

Conversions Part 2

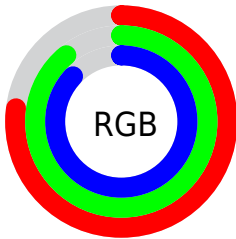
Format	Color
R_{YB}	197, 213, 227
Decimal	12968926
CIE _{Lab}	88.01, -10.80, -0.89
CIE _{LCh}	88, 10.835, 184.729
Yxy	72.0824, 0.2956, 0.3346
Android (android.graphics.Color)	4291159006 (0xFFC5E3DE)
YUV	217.4600, 2.2382, -17.9434
Hunter-Lab	84.9014, -14.6943, 3.7982

Details

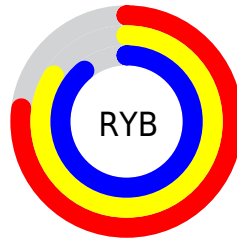
The YUV color $217.4600, 2.2382, -17.9434$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $206.5400, -2.2382, 17.9434$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, 0.1474, -0.6148$, and $162.7590, 2.0908, -17.3286$ is the 20% darker color. If you saturate the color by 10%, you get $210.1270, 3.8814, -31.6834$, and if you desaturate by 10%, it is $224.7930, 0.5951, -4.2035$.

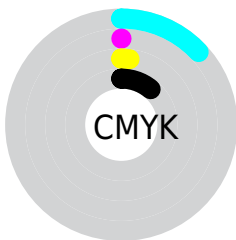
Distribution



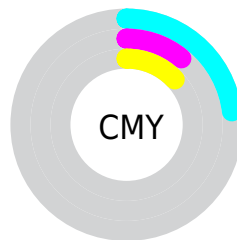
- Red (77%)
- Green (89%)
- Blue (87%)



- Red (77%)
- Yellow (84%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.4600, 2.2382, -17.9434 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 217.4600, 2.2382, -17.9434 by changing the saturation by 10% instead.

■ 217.4600, 2.2382,
-17.9434

■ 217.4600, 2.2382,
-17.9434

255.0000, 0.0000,
0.0000

■ 189.7590, 2.0908,
-17.3286

254.7010, 0.1474,
-0.6148

■ 162.7590, 2.0908,
-17.3286

■ 136.1720, 2.3802,
-16.8138

■ 110.4710, 2.2328,
-16.1991

■ 86.4710, 2.2328,
-16.1991

■ 62.7700, 2.0854,
-15.5843

■ 40.1830, 2.3748,

-15.0695

■ 19.1720, 2.3802,
-16.8138

■ 0.0000, 0.0000,
0.0000

■ 217.4600, 2.2382,
-17.9434

■ 217.4600, 2.2382,
-17.9434

■ 210.1270, 3.8814,
-31.6834

■ 224.7930, 0.5951,
-4.2035

■ 203.0930, 5.3772,
-44.8086

■ 231.8270, -0.9007,
8.9217

■ 195.8740, 7.4571,
-58.6485

■ 236.0560, -1.5066,
16.6139

■ 188.5410, 9.1003,
-72.3885

■ 236.5120, 0.2406,
16.2140

■ 181.5070, 10.5960,
-85.5136

■ 236.9680, 1.9878,
15.8141

■ 174.1740, 12.2392,
-99.2536

■ 237.4240, 3.7350,
15.4142

■ 166.9550, 14.3192,
-113.0935

■ 237.7660, 5.0454,
15.1142

■ 159.6220, 15.9624,
-126.8335

■ 238.2220, 6.7926,
14.7143

■ 154.7950, 16.8631,
-135.7552

■ 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



218.1250, -3.0196, -11.5106



217.4600, 2.2382, -17.9434



217.7140, 7.0430, -19.0432

Triad

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



217.4600, 2.2382, -17.9434



222.3730, 7.7041, 2.3039



221.5690, -9.6475, 14.4100

Complementary

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



217.4600, 2.2382, -17.9434



206.5400, -2.2382, 17.9434

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.



222.6880, -6.7482, 17.8136



217.4600, 2.2382, -17.9434



222.9890, 3.4564, 11.4106

Square

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



217.4600, 2.2382, -17.9434



220.5890, 10.0626, -7.5326



222.9420, -1.9434, 16.7139



220.1120, -9.9152, 6.9178

Rectangle

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



217.4600, 2.2382, -17.9434



218.5940, 9.0742, -17.1839



222.9420, -1.9434, 16.7139



221.8080, -8.7793, 15.9544

Sweetspot

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



217.4600, 2.2382, -17.9434



251.7820, 0.6005, -5.9478



216.1050, -9.4188, -12.3701



125.6790, 0.1583, -4.1035



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.



217.4600, 2.2382, -17.9434



241.9430, 2.9861, -24.5060



212.1600, 7.3161, -13.2953



111.1840, 0.8953, -7.1774



122.0590, 13.2819, -107.0457



34.8390, 4.0234, -30.5538

Inverse Universe

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



206.5400, -2.2382, 17.9434



227.0570, -2.9861, 24.5060



211.8400, -7.3161, 13.2953



106.8160, -0.8953, 7.1774



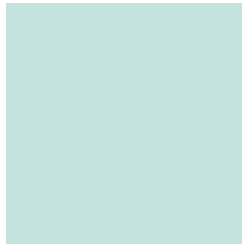
56.9410, -13.2819, 107.0457



16.2750, -3.5866, 30.4538

Previews

White Background



This preview shows how the YUV color 217.4600, 2.2382, -17.9434 looks on a white background.

Color Contrast Check

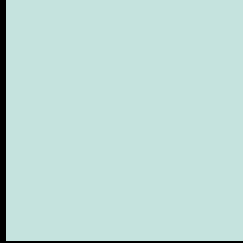
Large Text (above 18pt) WCAG AA × Fail

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 217.4600, 2.2382, -17.9434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

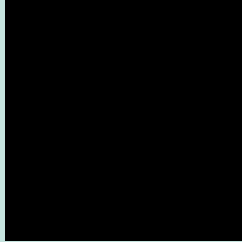
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

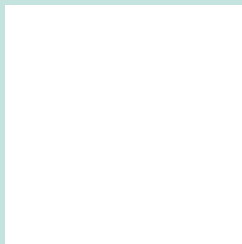
Any Text WCAG AAA ✓ Pass

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

YUV 217.4600, 2.2382, -17.9434 Background



This preview shows how black text looks on a background with the YUV color 217.4600, 2.2382, -17.9434.



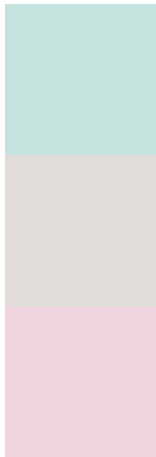
This preview shows how white text looks on a background with the YUV color 217.4600, 2.2382, -17.9434.

-17.9434.

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

217.4600, 2.2382, -17.9434

Protanopia

220.6800, -1.3212, 3.7886

Deuteranopia

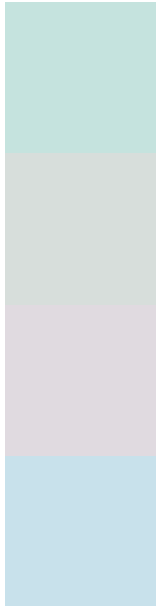
222.4410, 1.2616, 15.3992



Tritanopia

219.1750, 11.2527, -15.9395

Trichromacy



Original Color

217.4600, 2.2382, -17.9434

Protanomaly

219.5650, -0.2785, -4.0035

Deuteranomaly

220.4780, 1.7363, 3.0888

Tritanomaly

218.6650, 8.0532, -16.3692

Monochromacy



Original Color

217.4600, 2.2382, -17.9434

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.4830, 0.7479, -6.5626

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.4600, 2.2382, -17.9434 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(197, 227, 222)` looks like.

```
.text, #text, p{  
    color:rgb(197, 227, 222)  
}
```

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(197, 227, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 227, 222) }
```

Border

The CSS property to change the border of an element to YUV 217.4600, 2.2382, -17.9434 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(197, 227, 222) }
```


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

```
.border{ border-color:rgb(197, 227, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 227, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 227, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 227, 222);  
box-shadow:4px 4px 4px 4px rgb(197, 227,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 217.4600, 2.2382, -17.9434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 227, 222) }
```

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

```
.background{ background-color: rgb(197,  
227, 222) }
```

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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