

Converting Colors

YUV(200.8510, 22.7515,
-17.4093)

Have a look what the booklet for
YUV(200.8510, 22.7515, -17.4093)
contains.

YUV(200.8510, 22.7515, -17.4093)	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(200.8510, 22.7515,
-17.4093)**

Conversions

Conversions Part 1	
Format	Color
Hex	B5CAF7
RGB	181, 202, 247
RGB Percent	71%, 79%, 97%
CMY	0.2902, 0.2078, 0.0314
CMYK	0.27, 0.18, 0.00, 0.03
HSL	221°, 80%, 84%
HSV	221°, 27%, 97%
XYZ	56.9651, 58.7802, 96.3390
YIQ	200.8510, -26.9610, 9.5430

Conversions

Conversions Part 2

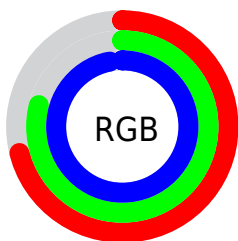
Format	Color
RYB	181, 197, 247
Decimal	11913975
CIELab	81.17, 2.72, -24.47
CIELCh	81, 24.620, 276.347
Yxy	58.7802, 0.2686, 0.2772
Android (android.graphics.Color)	4290104055 (0xFFB5CAF7)
YUV	200.8510, 22.7515, -17.4093
Hunter-Lab	76.6683, -1.5426, -20.8342

Details

The YUV color **200.8510, 22.7515, -17.4093** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **227.1490, -22.7515, 17.4093**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9170, 2.5059, -10.4512**, and **146.6230, 21.8779, -17.2094** is the 20% darker color. If you saturate the color by 10%, you get **183.3970, 31.3563, -24.0272**, and if you desaturate by 10%, it is **218.3050, 14.1466, -10.7915**.

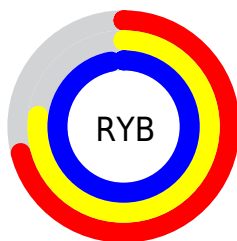
Distribution



Red (71%)

Green (79%)

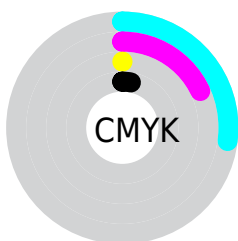
Blue (97%)



Red (71%)

Yellow (77%)

Blue (97%)

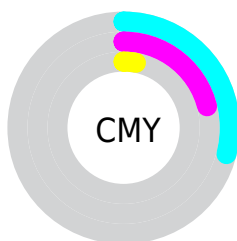


Cyan (27%)

Magenta (18%)

Yellow (0%)

Black (3%)



Cyan (29%)


Magenta (21%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.8510, 22.7515, -17.4093 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 200.8510, 22.7515, -17.4093 by changing the saturation by 10% instead.


 200.8510, 22.7515,
-17.4093


 200.8510, 22.7515,
-17.4093


255.0000, 0.0000,
0.0000


 173.6230, 21.8779,
-17.2094


 249.9170, 2.5059,
-10.4512

 146.6230, 21.8779,
-17.2094

 120.3950, 21.0043,
-17.0094

 95.5690, 20.4255,
-18.0390

 71.0420, 19.6993,
-18.4538

 47.6180, 19.4153,
-20.7130

 25.3790, 18.5472,

-22.2574

■ 7.6090, 16.4618,
-6.6731

■ 2.8670, 8.4466,
-2.5144

■ 200.8510, 22.7515,
-17.4093

■ 200.8510, 22.7515,
-17.4093

■ 183.3970, 31.3563,
-24.0272

■ 218.3050, 14.1466,
-10.7915

■ 166.2420, 39.8137,
-30.0302

■ 235.4600, 5.6892,
-4.7884

■ 148.7880, 48.4185,
-36.6481

■ 252.9140, -2.9156,
1.8294

■ 131.9210, 56.7339,
-43.7807

■ 254.0880, -3.4944,
0.7998

■ 114.7660, 65.1914,
-49.7838

■ 97.3120, 73.7962,
-56.4016

■ 79.8580, 82.4010,
-63.0195

■ 74.5310, 85.0272,
-65.3637

Harmonies

Analogous

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



195.8330, 23.2533, -38.4415



200.8510, 22.7515, -17.4093



204.5120, 17.0026, 6.5670

Triad

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



200.8510, 22.7515, -17.4093



204.1590, -14.3754, 37.5716



194.5160, -6.1704, -27.6395

Complementary

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



200.8510, 22.7515, -17.4093



227.1490, -22.7515, 17.4093

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.



197.0040, -16.2710, -7.8965



200.8510, 22.7515, -17.4093



202.3830, -20.8948, 28.6051

Square

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



200.8510, 22.7515, -17.4093



205.2050, -4.0451, 37.5312



200.3440, -21.8616, 11.9763



192.4460, 6.6821, -43.3641

Rectangle

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



200.8510, 22.7515, -17.4093



205.2920, 10.7020, 20.7919



200.3440, -21.8616, 11.9763



195.5230, -10.1178, -21.5067

Sweetspot

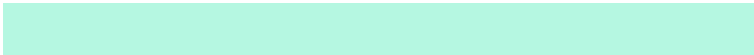
The Sweet Spot groups the original color and five complimentary colors.



200.8510, 22.7515, -17.4093



240.8020, 6.9996, -5.0884



224.7580, 0.1193, -38.3758



118.8300, 4.5208, -3.3589



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.



200.8510, 22.7515, -17.4093



197.6100, 28.2933, -21.5830



191.8130, 27.2072, 0.1640



113.7160, 4.0840, -3.2589



55.8370, 64.1704, -48.9690



17.8790, 20.2727, -15.6799

Inverse Universe

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



203.1280, -0.5561, 38.4757



200.4820, -0.7306, 47.8123



236.1870, -27.2072, -0.1640



114.0440, -0.0217, 6.9774



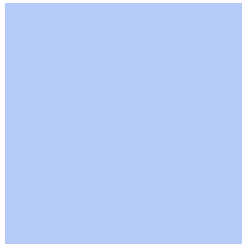
62.3400, -1.6466, 108.4498



19.8070, -0.3979, 34.3723

Previews

White Background



This preview shows how the YUV color 200.8510, 22.7515, -17.4093 looks on a white background.

Color Contrast Check

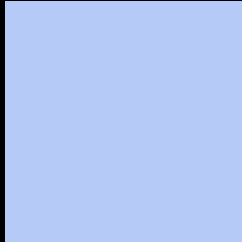
Large Text (above 18pt) WCAG AA × Fail

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 200.8510, 22.7515, -17.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

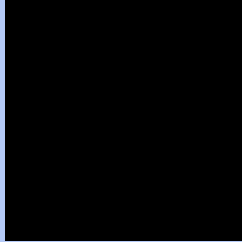
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.8510, 22.7515, -17.4093

Background



This preview shows how black text looks on a background with the YUV color 200.8510, 22.7515, -17.4093.



This preview shows how white text looks on a background with the YUV color 200.8510, 22.7515, -17.4093.

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

200.8510, 22.7515, -17.4093

Protanopia

201.8520, 21.2720, -9.5172

Deuteranopia

202.8140, 22.2767, -5.0989



Tritanopia

198.9680, 11.8478, -20.1429

Trichromacy



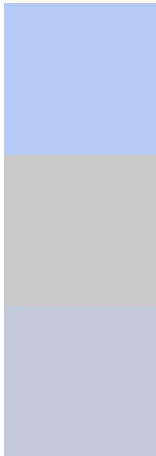
Original Color
200.8510, 22.7515, -17.4093

Protanomaly
201.3570, 22.0090, -12.5911

Deuteranomaly
202.1940, 22.5824, -9.8171

Tritanomaly
200.0050, 15.7735, -19.2984

Monochromacy



Original Color
200.8510, 22.7515, -17.4093

Achromatopsia
201.0000, 0.0000, 0.0000

Achromatomaly
200.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8510, 22.7515, -17.4093 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(181, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(181, 202, 247)  
}
```

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(181, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 202, 247) }
```

Border

The CSS property to change the border of an element to YUV 200.8510, 22.7515, -17.4093 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(181, 202, 247) }
```

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

```
.border{ border-color:rgb(181, 202, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 202, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 202, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 202, 247);  
box-shadow:4px 4px 4px 4px rgb(181, 202,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 200.8510, 22.7515, -17.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 202, 247) }
```

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

```
.background{ background-color: rgb(181,  
202, 247) }
```

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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