

Converting Colors

YUV(230.4420, 6.1911,
-25.8206)

Have a look what the booklet for
YUV(230.4420, 6.1911, -25.8206)
contains.

YUV(230.4420, 6.1911, -25.8206)	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(230.4420, 6.1911,
-25.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F3F3
RGB	201, 243, 243
RGB Percent	79%, 95%, 95%
CMY	0.2118, 0.0471, 0.0471
CMYK	0.17, 0.00, 0.00, 0.05
HSL	180°, 64%, 87%
HSV	180°, 17%, 95%
XYZ	72.3156, 82.9898, 97.0012
YIQ	230.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

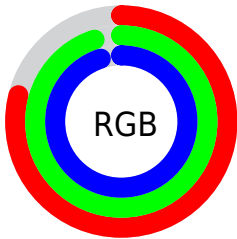
Format	Color
R_{YB}	201, 222, 243
Decimal	13235187
CIE _{Lab}	93.01, -13.41, -4.49
CIE _{LCh}	93, 14.145, 198.528
Yxy	82.9898, 0.2866, 0.3289
Android (android.graphics.Color)	4291425267 (0xFFC9F3F3)
YUV	230.4420, 6.1911, -25.8206
Hunter-Lab	91.0987, -17.7265, 0.6376

Details

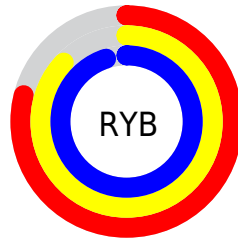
The YUV color $230.4420, 6.1911, -25.8206$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.5580, -6.1911, 25.8206$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.7410, 6.0437, -25.2059$ is the 20% darker color. If you saturate the color by 10%, you get $223.2660, 9.7289, -40.5753$, and if you desaturate by 10%, it is $237.6180, 2.6533, -11.0660$.

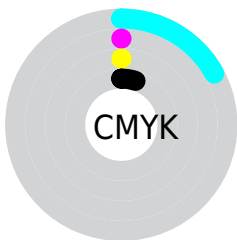
Distribution



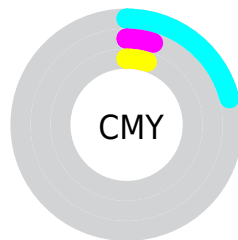
- Red (79%)
- Green (95%)
- Blue (95%)



- Red (79%)
- Yellow (87%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.4420, 6.1911, -25.8206 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 230.4420, 6.1911, -25.8206 by changing the saturation by 10% instead.

230.4420, 6.1911,
-25.8206

230.4420, 6.1911,
-25.8206

255.0000, 0.0000,
0.0000

202.4420, 6.1911,
-25.8206

174.7410, 6.0437,
-25.2059

148.0400, 5.8963,
-24.5911

122.3390, 5.7489,
-23.9763

96.7520, 6.0383,
-23.4615

72.6380, 5.6015,
-23.3615

49.0400, 5.8963,

-24.5911

■ 27.3390, 5.7489,
-23.9763

■ 13.3190, 2.8007,
-11.6808

■ 230.4420, 6.1911,
-25.8206

■ 230.4420, 6.1911,
-25.8206

■ 223.2660, 9.7289,
-40.5753

■ 237.6180, 2.6533,
-11.0660

■ 215.7910, 13.4140,
-55.9447

■ 245.0930, -1.0318,
4.3034

■ 208.6150, 16.9518,
-70.6994

■ 246.5880, -1.7689,
7.3773

■ 201.4390, 20.4896,
-85.4540

■ 193.9640, 24.1747,
-100.8234

■ 186.7880, 27.7125,
-115.5781

■ 179.6120, 31.2503,
-130.3327

■ 172.4360, 34.7881,
-145.0874

■ 170.3430, 35.8199,
-149.3908

Harmonies

Analogous

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



230.9390, -0.9559, -20.1175



230.4420, 6.1911, -25.8206



231.2340, 11.7166, -24.7612

Triad

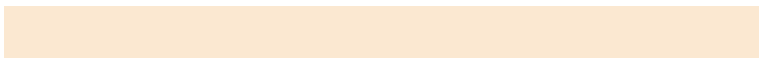
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.4420, 6.1911, -25.8206



237.4170, 7.6824, 9.2813



235.0590, -12.8471, 13.9803

Complementary

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



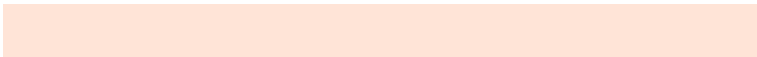
230.4420, 6.1911, -25.8206



213.5580, -6.1911, 25.8206

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.



234.5910, -9.6584, 17.8987



230.4420, 6.1911, -25.8206



236.3810, 2.2772, 16.3289

Square

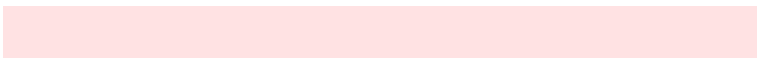
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.4420, 6.1911, -25.8206



234.9100, 9.9044, -3.4291



234.7850, -3.8380, 17.7286



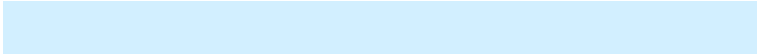
233.8080, -12.2303, 2.7994

Rectangle

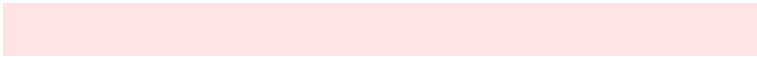
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



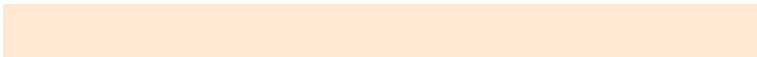
230.4420, 6.1911, -25.8206



232.1530, 11.2636, -19.4282



234.7850, -3.8380, 17.7286



235.7820, -12.7105, 16.8542

Sweetspot

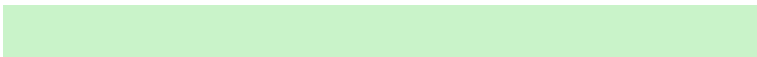
The Sweet Spot groups the original color and five complimentary colors.



230.4420, 6.1911, -25.8206



251.1130, 1.9163, -7.9921



225.6540, -12.1544, -21.6216



125.6080, 1.1793, -4.9182



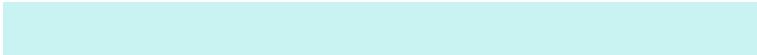
0.0000, 0.0000, 0.0000



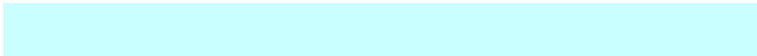
128.0000, 0.0000, 0.0000

Same Dimension

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



230.4420, 6.1911, -25.8206



238.8540, 7.9600, -33.1980



218.1150, 12.2683, -15.0099



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718

Inverse Universe

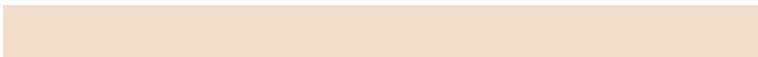
The Inverse Universe completely reimagines the original color for something new.



218.3460, 12.1544, 21.6216



223.3020, 15.6271, 27.7991



225.8850, -12.2683, 15.0099



114.9560, 3.4727, 6.1776



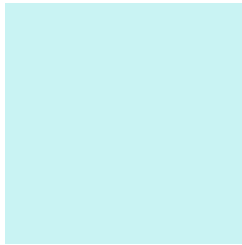
76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Previews

White Background



This preview shows how the YUV color 230.4420, 6.1911, -25.8206 looks on a white background.

Color Contrast Check

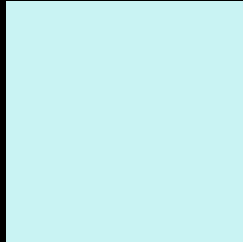
Large Text (above 18pt) WCAG AA × Fail

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 230.4420, 6.1911, -25.8206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

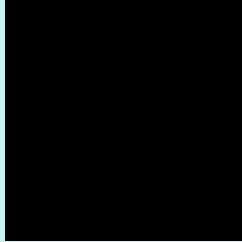
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.4420, 6.1911, -25.8206

Background



This preview shows how black text looks on a background with the YUV color 230.4420, 6.1911, -25.8206.



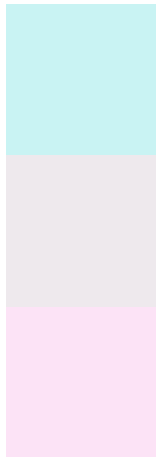
This preview shows how white text looks on a background with the YUV color 230.4420, 6.1911, -25.8206.

-25.8206.

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

230.4420, 6.1911, -25.8206

Protanopia

234.9510, 1.0102, 2.6740

Deuteranopia

236.6410, 4.6140, 13.4698



Tritanopia

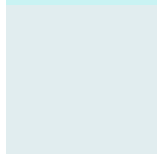
232.1530, 11.2636, -19.4282

Trichromacy



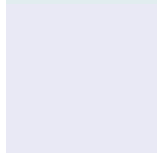
Original Color

230.4420, 6.1911, -25.8206



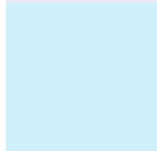
Protanomaly

233.6400, 2.6425, -7.5773



Deuteranomaly

234.3680, 5.2416, -1.1997



Tritanomaly

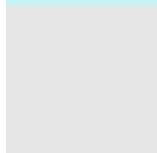
231.3870, 9.6692, -21.3874

Monochromacy



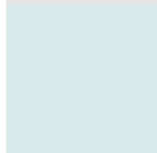
Original Color

230.4420, 6.1911, -25.8206



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

230.2160, 2.3585, -9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.4420, 6.1911, -25.8206 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(201, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 243)  
}
```

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(201, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 243) }
```

Border

The CSS property to change the border of an element to YUV 230.4420, 6.1911, -25.8206 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(201, 243, 243) }
```


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

```
.border{ border-color:rgb(201, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(201, 243,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 230.4420, 6.1911, -25.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 243, 243) }
```

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

```
.background{ background-color: rgb(201,  
243, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor