

Converting Colors

YUV(223.5200, 14.5336,
-41.6750)

Have a look what the booklet for
YUV(223.5200, 14.5336, -41.6750)
contains.

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Color

**YUV(223.5200, 14.5336,
-41.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F2FD
RGB	176, 242, 253
RGB Percent	69%, 95%, 99%
CMY	0.3098, 0.0510, 0.0078
CMYK	0.30, 0.04, 0.00, 0.01
HSL	189°, 95%, 84%
HSV	189°, 30%, 99%
XYZ	67.3862, 79.8262, 104.7849
YIQ	223.5200, -42.8670, -10.5710

Conversions

Conversions Part 2

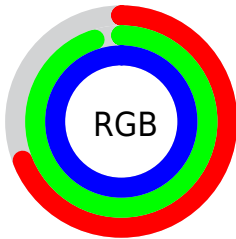
Format	Color
R _Y B	176, 212, 253
Decimal	11596541
CIE Lab	91.61, -17.98, -11.93
CIE LCh	92, 21.578, 213.563
Yxy	79.8262, 0.2674, 0.3168
Android (android.graphics.Color)	4289786621 (0xFFB0F2FD)
YUV	223.5200, 14.5336, -41.6750
Hunter-Lab	89.3455, -21.7262, -6.9937

Details

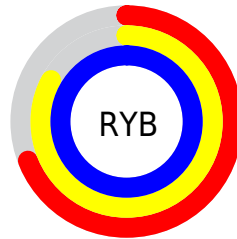
The YUV color $223.5200, 14.5336, -41.6750$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $205.4800, -14.5336, 41.6750$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, 3.2430, -13.5251$, and $167.7050, 13.9494, -40.9603$ is the 20% darker color. If you saturate the color by 10%, you get $213.6970, 19.3764, -54.9853$, and if you desaturate by 10%, it is $233.3430, 9.6909, -28.3648$.

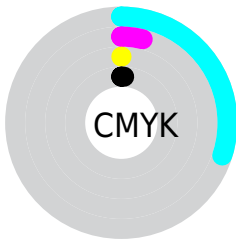
Distribution



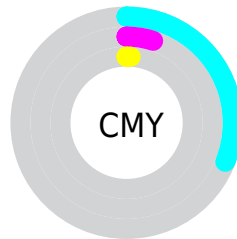
- Red (69%)
- Green (95%)
- Blue (99%)



- Red (69%)
- Yellow (83%)
- Blue (99%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (31%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.5200, 14.5336, -41.6750 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 223.5200, 14.5336, -41.6750 by changing the saturation by 10% instead.

■ 223.5200, 14.5336,
-41.6750

■ 223.5200, 14.5336,
-41.6750

255.0000, 0.0000,
0.0000

■ 195.4060, 14.0968,
-41.5751

■ 248.4220, 3.2430,
-13.5251

■ 167.7050, 13.9494,
-40.9603

■ 140.7050, 13.9494,
-40.9603

■ 114.4060, 14.0968,
-41.5751

■ 87.5090, 14.5391,
-43.4194

■ 59.2090, 16.1660,
-51.9263

■ 42.4990, 13.0650,

-37.2716

■ 27.0770, 9.8220,
-23.7465

■ 10.0080, 7.8841,
-8.7770

■ 223.5200, 14.5336,
-41.6750

■ 223.5200, 14.5336,
-41.6750

■ 213.6970, 19.3764,
-54.9853

■ 233.3430, 9.6909,
-28.3648

■ 204.1620, 24.0771,
-69.4251

■ 242.8780, 4.9901,
-13.9250

■ 194.3390, 28.9199,
-82.7353

■ 252.7010, 0.1474,
-0.6148

■ 185.1030, 33.4732,
-96.5603

■ 254.7720, -0.8736,
0.2000

■ 174.9810, 38.4634,
-110.4853

■ 165.1580, 43.3061,
-123.7956

■ 156.2210, 47.7120,
-137.0058

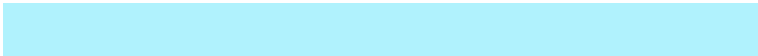
Harmonies

Analogous

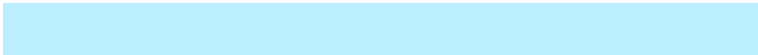
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.3220, 4.7713, -37.1164



223.5200, 14.5336, -41.6750



224.6890, 14.9433, -33.0533

Triad

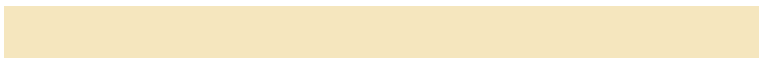
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.5200, 14.5336, -41.6750



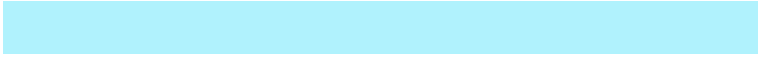
233.2980, 8.2341, 19.0327



229.9250, -19.6830, 13.2208

Complementary

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



223.5200, 14.5336, -41.6750



205.4800, -14.5336, 41.6750

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.



229.3760, -16.9474, 22.4722



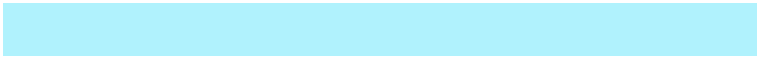
223.5200, 14.5336, -41.6750



229.7300, -0.3599, 22.1618

Square

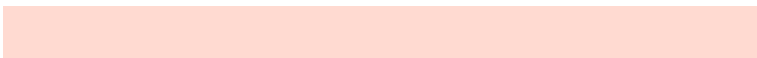
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.5200, 14.5336, -41.6750



232.3070, 11.1876, 4.9928



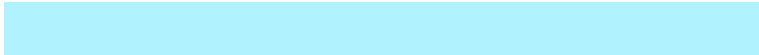
228.0370, -9.3852, 23.6466



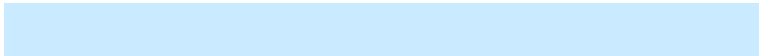
227.8410, -15.6976, -5.1226

Rectangle

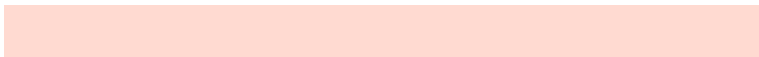
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.5200, 14.5336, -41.6750



226.8260, 13.8898, -21.7724



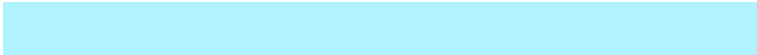
228.0370, -9.3852, 23.6466



230.8440, -20.1361, 18.5538

Sweetspot

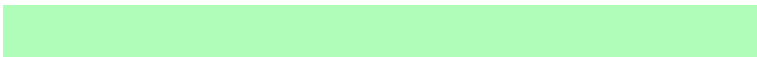
The Sweet Spot groups the original color and five complimentary colors.



223.5200, 14.5336, -41.6750



246.3620, 4.2585, -12.5955



222.3390, -17.9151, -40.6393



121.7540, 3.0793, -7.6773



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.



223.5200, 14.5336, -41.6750



219.2630, 17.6183, -51.0967



201.2140, 25.5305, -22.1127



122.9390, 2.4951, -6.9625



118.0420, 35.9683, -103.5228



39.5810, 12.0386, -34.7125

Inverse Universe

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



206.5470, 17.4783, 40.7393



198.3400, 21.5244, 49.6908



227.7860, -25.5305, 22.1127



120.1410, 2.8885, 6.8923



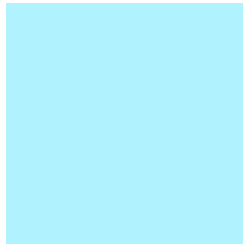
75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 223.5200, 14.5336, -41.6750 looks on a white background.

Color Contrast Check

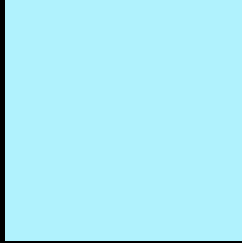
Large Text (above 18pt) WCAG AA × Fail

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 223.5200, 14.5336, -41.6750 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 223.5200, 14.5336, -41.6750 Background



This preview shows how black text looks on a background with the YUV color 223.5200, 14.5336, -41.6750.



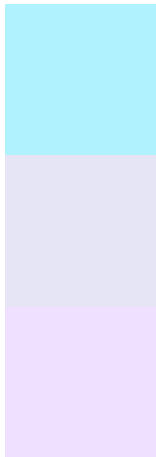
This preview shows how white text looks on a background with the YUV color 223.5200, 14.5336, -41.6750.

-41.6750.

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

223.5200, 14.5336, -41.6750

Protanopia

231.1230, 6.8414, -0.9849

Deuteranopia

232.0190, 11.3296, 6.1223



Tritanopia

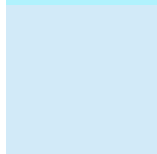
225.8740, 14.3591, -32.3385

Trichromacy



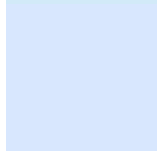
Original Color

223.5200, 14.5336, -41.6750



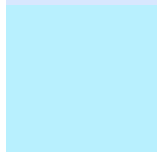
Protanomaly

228.4200, 9.6529, -16.1543



Deuteranomaly

229.1370, 12.2575, -11.5211



Tritanomaly

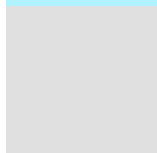
224.8520, 14.3700, -35.8272

Monochromacy



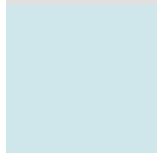
Original Color

223.5200, 14.5336, -41.6750



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

224.2800, 5.2850, -15.1546

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.5200, 14.5336, -41.6750 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(176, 242, 253)` looks like.

```
.text, #text, p{  
    color:rgb(176, 242, 253)  
}
```

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(176, 242, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 242, 253) }
```

Border

The CSS property to change the border of an element to YUV 223.5200, 14.5336, -41.6750 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(176, 242, 253) }
```


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

```
.border{ border-color:rgb(176, 242, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 242, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 242, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 242, 253);  
box-shadow:4px 4px 4px 4px rgb(176, 242,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 223.5200, 14.5336, -41.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 242, 253) }
```

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

```
.background{ background-color: rgb(176,  
242, 253) }
```

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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