

Converting Colors

YUV(224.3020, 15.1341,
-47.6229)

Have a look what the booklet for
YUV(224.3020, 15.1341, -47.6229)
contains.

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Color

**YUV(224.3020, 15.1341,
-47.6229)**

Conversions

Conversions Part 1

Format	Color
Hex	AAF6FF
RGB	170, 246, 255
RGB Percent	67%, 96%, 100%
CMY	0.3333, 0.0353, 0.0000
CMYK	0.33, 0.04, 0.00, 0.00
HSL	186°, 100%, 83%
HSV	186°, 33%, 100%
XYZ	67.5833, 81.6776, 106.8111
YIQ	224.3020, -48.1850, -13.3130

Conversions

Conversions Part 2

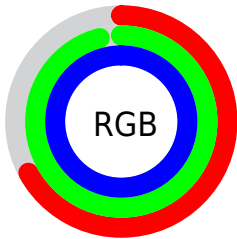
Format	Color
RYB	170, 210, 255
Decimal	11204351
CIELab	92.43, -21.10, -11.77
CIELCh	92, 24.165, 209.150
Yxy	81.6776, 0.2639, 0.3190
Android (android.graphics.Color)	4289394431 (0xFFAAF6FF)
YUV	224.3020, 15.1341, -47.6229
Hunter-Lab	90.3757, -24.6743, -6.8093

Details

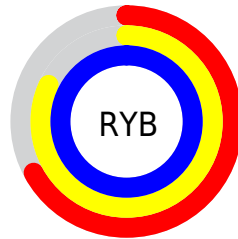
The YUV color **224.3020, 15.1341, -47.6229** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **200.6980, -15.1341, 47.6229**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9270, 3.9800, -16.5990**, and **168.1880, 14.6973, -47.5229** is the 20% darker color. If you saturate the color by 10%, you get **215.0660, 19.6875, -61.4479**, and if you desaturate by 10%, it is **233.5380, 10.5808, -33.7978**.

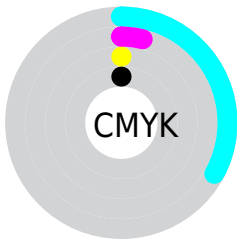
Distribution



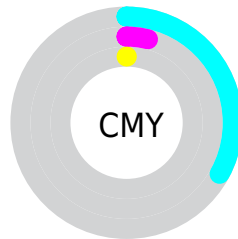
- Red (67%)
- Green (96%)
- Blue (100%)



- Red (67%)
- Yellow (82%)
- Blue (100%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.3020, 15.1341, -47.6229 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 224.3020, 15.1341, -47.6229 by changing the saturation by 10% instead.

■ 224.3020, 15.1341,
-47.6229

■ 224.3020, 15.1341,
-47.6229

255.0000, 0.0000,
0.0000

■ 195.6010, 14.9867,
-47.0081

■ 246.9270, 3.9800,
-16.5990

■ 168.1880, 14.6973,
-47.5229

■ 140.3020, 15.1341,
-47.6229

■ 113.7040, 15.4289,
-48.8524

■ 85.6110, 16.4608,
-53.1558

■ 61.1980, 16.1714,
-53.6706

■ 44.4880, 13.0704,

-39.0160

■ 28.9520, 9.3907,
-25.3909

■ 13.1710, 7.3107,
-11.5510

■ 224.3020, 15.1341,
-47.6229

■ 224.3020, 15.1341,
-47.6229

■ 215.0660, 19.6875,
-61.4479

■ 233.5380, 10.5808,
-33.7978

■ 206.1180, 24.0988,
-76.4025

■ 242.4860, 6.1694,
-18.8432

■ 196.8820, 28.6522,
-90.2275

■ 252.0210, 1.4686,
-4.4034

■ 187.3470, 33.3529,
-104.6673

■ 255.0000, 0.0000,
0.0000

■ 178.3990, 37.7643,
-119.6219

■ 169.1630, 42.3176,
-133.4470

■ 162.9060, 45.4023,
-142.8686

Harmonies

Analogous

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



224.9580, 3.4717, -40.3052



224.3020, 15.1341, -47.6229



224.9440, 14.8176, -39.4159

Triad

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



224.3020, 15.1341, -47.6229



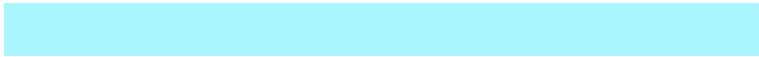
235.0420, 9.8393, 17.5032



232.2630, -22.3147, 17.3093

Complementary

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



224.3020, 15.1341, -47.6229



200.6980, -15.1341, 47.6229

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.



229.8490, -17.6736, 22.0574



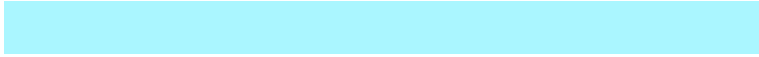
224.3020, 15.1341, -47.6229



230.4140, 2.2609, 21.5619

Square

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



224.3020, 15.1341, -47.6229



233.7690, 10.4669, 2.8336



228.3790, -8.0748, 23.3466



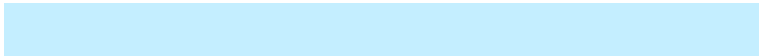
230.0540, -18.7606, -2.6784

Rectangle

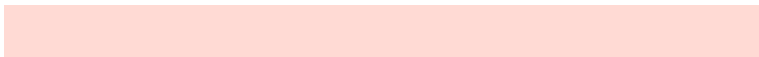
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.3020, 15.1341, -47.6229



227.3800, 13.6167, -27.5203



228.3790, -8.0748, 23.3466



232.1000, -21.7413, 20.0833

Sweetspot

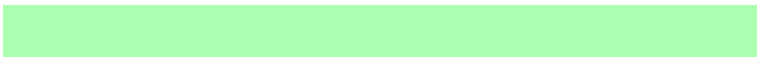
The Sweet Spot groups the original color and five complimentary colors.



224.3020, 15.1341, -47.6229



245.7640, 4.5533, -13.8250



220.8070, -21.1039, -44.5577



122.0420, 2.9373, -8.8068



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.



224.3020, 15.1341, -47.6229



218.0450, 18.2188, -57.0445



199.6480, 27.2885, -26.0013



122.9390, 2.4951, -6.9625



122.1510, 33.9426, -107.1264



40.7550, 11.4598, -35.7421

Inverse Universe

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



204.0790, 20.6671, 44.6577



193.8720, 24.7131, 53.6093



225.3520, -27.2885, 26.0013



120.1410, 2.8885, 6.8923



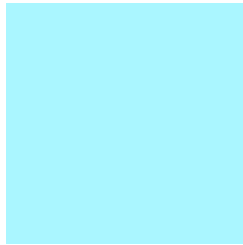
76.6030, 46.5377, 100.3262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 224.3020, 15.1341, -47.6229 looks on a white background.

Color Contrast Check

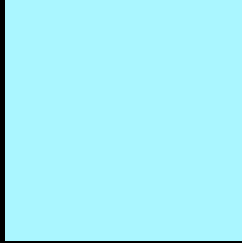
Large Text (above 18pt) WCAG AA × Fail

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 224.3020, 15.1341, -47.6229 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 224.3020, 15.1341, -47.6229

Background



This preview shows how black text looks on a background with the YUV color 224.3020, 15.1341, -47.6229.



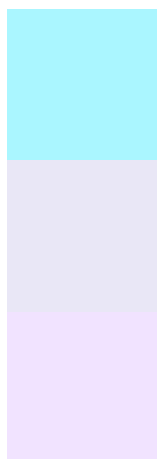
This preview shows how white text looks on a background with the YUV color 224.3020, 15.1341, -47.6229.

-47.6229.

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

224.3020, 15.1341, -47.6229

Protanopia

233.3080, 6.2572, -0.2701

Deuteranopia

234.3780, 10.1666, 5.8075



Tritanopia

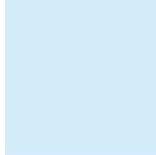
228.2440, 13.1907, -30.9090

Trichromacy



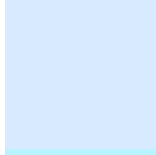
Original Color

224.3020, 15.1341, -47.6229



Protanomaly

229.7080, 9.5110, -17.2839



Deuteranomaly

230.7130, 11.9735, -13.7803



Tritanomaly

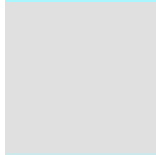
227.0260, 13.7912, -36.8568

Monochromacy



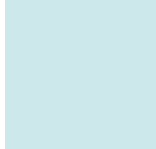
Original Color

224.3020, 15.1341, -47.6229



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

223.9700, 5.4378, -17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.3020, 15.1341, -47.6229 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(170, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 246, 255)  
}
```

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(170, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 246, 255) }
```

Border

The CSS property to change the border of an element to YUV 224.3020, 15.1341, -47.6229 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(170, 246, 255) }
```


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

```
.border{ border-color:rgb(170, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 246,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 224.3020, 15.1341, -47.6229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 246, 255) }
```

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

```
.background{ background-color: rgb(170,  
246, 255) }
```

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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