

Converting Colors

YUV(191.4670, 15.0528,
-21.4576)

Have a look what the booklet for
YUV(191.4670, 15.0528, -21.4576)
contains.

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Color

**YUV(191.4670, 15.0528,
-21.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C6DE
RGB	167, 198, 222
RGB Percent	65%, 78%, 87%
CMY	0.3451, 0.2235, 0.1294
CMYK	0.25, 0.11, 0.00, 0.13
HSL	206°, 45%, 76%
HSV	206°, 25%, 87%
XYZ	49.3152, 53.8776, 76.9075
YIQ	191.4670, -26.1800, 0.8920

Conversions

Conversions Part 2

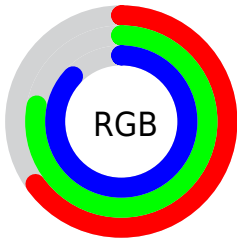
Format	Color
RYB	167, 187, 222
Decimal	10995422
CIELab	78.39, -5.08, -15.37
CIELCh	78, 16.190, 251.719
Yxy	53.8776, 0.2738, 0.2992
Android (android.graphics.Color)	4289185502 (0xFFA7C6DE)
YUV	191.4670, 15.0528, -21.4576
Hunter-Lab	73.4014, -8.5258, -10.7411

Details

The YUV color **191.4670, 15.0528, -21.4576** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **197.5330, -15.0528, 21.4576**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4320, 4.7170, -19.6729**, and **137.6520, 14.4686, -20.7428** is the 20% darker color. If you saturate the color by 10%, you get **179.0190, 21.1896, -29.8347**, and if you desaturate by 10%, it is **203.9150, 8.9159, -13.0805**.

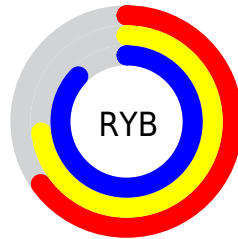
Distribution



Red (65%)

Green (78%)

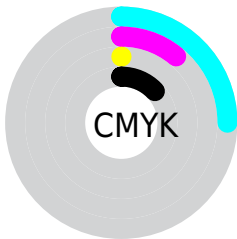
Blue (87%)



Red (65%)

Yellow (73%)

Blue (87%)

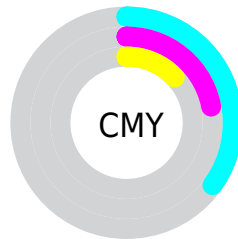


Cyan (25%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (22%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.4670, 15.0528, -21.4576 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 191.4670, 15.0528, -21.4576 by changing the saturation by 10% instead.

■ 191.4670, 15.0528,
-21.4576

■ 191.4670, 15.0528,
-21.4576

255.0000, 0.0000,
0.0000

■ 164.3530, 14.6160,
-21.3576

■ 245.4320, 4.7170,
-19.6729

■ 137.6520, 14.4686,
-20.7428

■ 254.1030, 0.4422,
-1.8443

■ 112.1250, 13.7424,
-21.1576

■ 87.4240, 13.5950,
-20.5428

■ 63.0110, 13.3056,
-21.0576

■ 39.7010, 13.4584,
-23.4168

■ 20.9790, 11.8424,

-18.3986

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 191.4670, 15.0528,
-21.4576

■ 191.4670, 15.0528,
-21.4576

■ 179.0190, 21.1896,
-29.8347

■ 203.9150, 8.9159,
-13.0805

■ 167.1580, 27.0371,
-38.7266

■ 215.7760, 3.0684,
-4.1886

■ 154.4110, 33.3214,
-47.7184

■ 228.5230, -3.2158,
4.8033

■ 141.9630, 39.4582,
-56.0956

■ 240.6720, -9.2053,
12.5657

■ 130.1020, 45.3057,
-64.9875

■ 245.9550,
-11.8098, 7.9325

■ 117.6540, 51.4426,
-73.3646

■ 251.2380,
-14.4143, 3.2993

■ 105.2060, 57.5794,
-81.7417

■ 98.6830, 60.7953,
-86.5450

Harmonies

Analogous

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



188.9130, 11.8749, -28.8647



191.4670, 15.0528, -21.4576



194.0280, 14.2832, -7.9176

Triad

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



191.4670, 15.0528, -21.4576



197.0140, -4.4439, 25.4207



191.0240, -9.8718, -7.0370

Complementary

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



191.4670, 15.0528, -21.4576



197.5330, -15.0528, 21.4576

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.



193.0750, -13.8410, 6.0732



191.4670, 15.0528, -21.4576



196.1080, -10.4062, 24.4613

Square

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



191.4670, 15.0528, -21.4576



197.3320, 3.2873, 19.0028



194.7390, -14.1683, 17.7689



189.4830, -2.7031, -19.7176

Rectangle

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



191.4670, 15.0528, -21.4576



195.6980, 11.4879, 2.0189



194.7390, -14.1683, 17.7689



191.5900, -11.6299, -3.1484

Sweetspot

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



191.4670, 15.0528, -21.4576



244.9220, 4.9685, -6.9476



202.0210, -5.4334, -30.7134



121.7760, 3.0684, -4.1886



0.0000, 0.0000, 0.0000



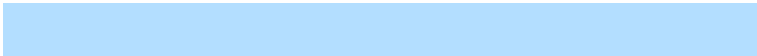
128.0000, 0.0000, 0.0000

Same Dimension

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



191.4670, 15.0528, -21.4576



212.9050, 20.7528, -29.7347



175.6180, 22.8663, -7.5580



105.7760, 3.0684, -4.1886



78.1770, 48.2267, -68.5612



21.3210, 13.1527, -18.6985

Inverse Universe

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



186.9790, 5.4334, 30.7134



206.6260, 7.5794, 42.4240



213.3820, -22.8663, 7.5580



104.9730, 0.9993, 6.1627



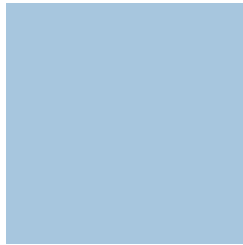
63.9100, 17.2994, 98.3029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 191.4670, 15.0528, -21.4576 looks on a white background.

Color Contrast Check

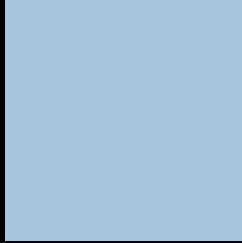
Large Text (above 18pt) WCAG AA × Fail

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 191.4670, 15.0528, -21.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

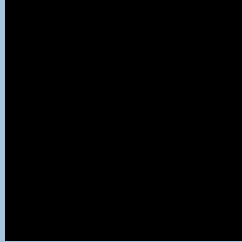
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

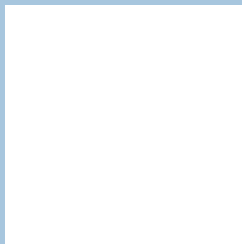
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.4670, 15.0528, -21.4576

Background



This preview shows how black text looks on a background with the YUV color 191.4670, 15.0528, -21.4576.



This preview shows how white text looks on a background with the YUV color 191.4670, 15.0528, -21.4576.

-21.4576.

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

191.4670, 15.0528, -21.4576

Protanopia

194.3660, 11.6516, -3.8290

Deuteranopia

195.6810, 13.9613, 2.0338



Tritanopia

190.9570, 11.8532, -21.8873

Trichromacy



Original Color

191.4670, 15.0528, -21.4576

Protanomaly

193.2620, 12.6888, -9.8768

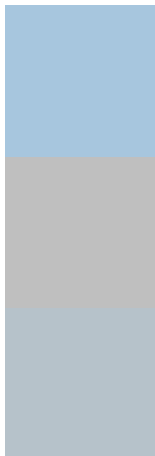
Deuteranomaly

194.0390, 14.2778, -6.1732

Tritanomaly

191.2990, 13.1636, -22.1872

Monochromacy



Original Color

191.4670, 15.0528, -21.4576

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.4670, 15.0528, -21.4576 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(167, 198, 222)` looks like.

```
.text, #text, p{  
    color:rgb(167, 198, 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(167, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 198, 222) }
```

Border

The CSS property to change the border of an element to YUV 191.4670, 15.0528, -21.4576 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(167, 198, 222) }
```


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

```
.border{ border-color:rgb(167, 198, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 198, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(167, 198,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 191.4670, 15.0528, -21.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 198, 222) }
```

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

```
.background{ background-color: rgb(167,  
198, 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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