

Converting Colors

YUV(187.6200, 33.2183,
-14.5757)

Have a look what the booklet for
YUV(187.6200, 33.2183, -14.5757)
contains.

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Color

**YUV(187.6200, 33.2183,
-14.5757)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB7FF
RGB	171, 183, 255
RGB Percent	67%, 72%, 100%
CMY	0.3294, 0.2824, 0.0000
CMYK	0.33, 0.28, 0.00, 0.00
HSL	231°, 100%, 84%
HSV	231°, 33%, 100%
XYZ	51.7781, 49.7449, 101.4805
YIQ	187.6200, -30.2640, 19.8480

Conversions

Conversions Part 2

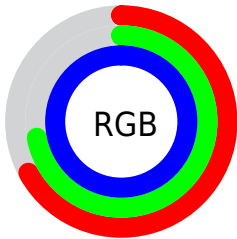
Format	Color
RYB	171, 182, 255
Decimal	11253759
CIELab	75.91, 12.18, -36.89
CIELCh	76, 38.850, 288.274
Yxy	49.7449, 0.2551, 0.2450
Android (android.graphics.Color)	4289443839 (0xFFABB7FF)
YUV	187.6200, 33.2183, -14.5757
Hunter-Lab	70.5301, 7.6142, -35.9369

Details

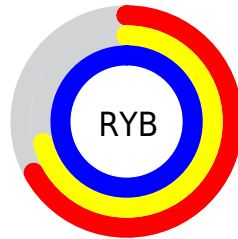
The YUV color **187.6200, 33.2183, -14.5757** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.3800, -33.2183, 14.5757**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5350, 8.6102, -8.3622**, and **133.5660, 31.7660, -15.4054** is the 20% darker color. If you saturate the color by 10%, you get **167.2310, 43.2701, -18.6196**, and if you desaturate by 10%, it is **208.0090, 23.1666, -10.5319**.

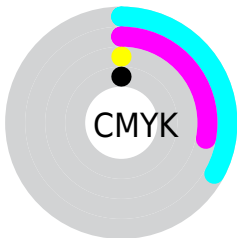
Distribution



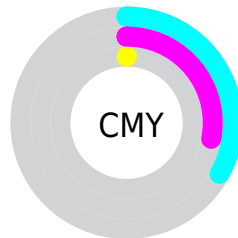
- Red (67%)
- Green (72%)
- Blue (100%)



- Red (67%)
- Yellow (71%)
- Blue (100%)



- Cyan (33%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6200, 33.2183, -14.5757 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 187.6200, 33.2183, -14.5757 by changing the saturation by 10% instead.

■ 187.6200, 33.2183,
-14.5757

■ 187.6200, 33.2183,
-14.5757

255.0000, 0.0000,
0.0000

■ 160.0930, 32.4922,
-14.9906

■ 237.5350, 8.6102,
-8.3622

■ 133.5660, 31.7660,
-15.4054

■ 107.6260, 30.7504,
-16.3350

■ 82.5010, 30.3190,
-17.9794

■ 57.6640, 29.7456,
-20.7533

■ 32.3210, 29.9147,
-28.3455

■ 17.8450, 25.2194,

-15.6501

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 187.6200, 33.2183,
-14.5757

■ 187.6200, 33.2183,
-14.5757

■ 167.2310, 43.2701,
-18.6196

■ 208.0090, 23.1666,
-10.5319

■ 146.5430, 53.4693,
-23.2782

■ 228.6970, 12.9674,
-5.8733

■ 126.1540, 63.5211,
-27.3221

■ 249.3850, 2.7682,
-1.2146

■ 106.0530, 73.4309,
-32.4955

■ 255.0000, 0.0000,
0.0000

■ 85.6640, 83.4826,
-36.5393

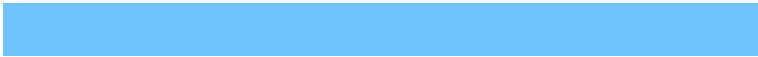
■ 64.9760, 93.6818,
-41.1980

■ 50.2020, 100.9654,
-44.0272

Harmonies

Analogous

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



177.0230, 38.4427, -57.0252



187.6200, 33.2183, -14.5757



191.7620, 21.3163, 23.0107

Triad

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



187.6200, 33.2183, -14.5757



188.1580, -26.2069, 52.4814



171.2130, -0.1050, -59.8228

Complementary

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



187.6200, 33.2183, -14.5757



238.3800, -33.2183, 14.5757

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.



177.9710, -19.7057, -26.2846



187.6200, 33.2183, -14.5757



185.9740, -34.0042, 33.3488

Square

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



187.6200, 33.2183, -14.5757



189.0890, -11.3829, 57.8039



182.6670, -31.8808, 5.5540



161.6770, 22.8372, -91.8017

Rectangle

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



187.6200, 33.2183, -14.5757



191.8370, 10.9264, 42.2390



182.6670, -31.8808, 5.5540



173.1560, -6.9789, -48.3718

Sweetspot

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



187.6200, 33.2183, -14.5757



234.6110, 10.0518, -4.0438



228.4020, 6.7038, -50.3416



114.9980, 6.4100, -2.6292



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.



187.6200, 33.2183, -14.5757



173.4330, 40.2125, -17.9197



189.2470, 32.4162, 9.4304



117.6560, 5.0996, -2.3293



37.6230, 75.6149, -32.9954



12.5790, 25.3506, -11.0318

Inverse Universe

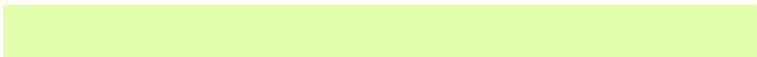
The Inverse Universe completely reimagines the original color for something new.



197.4840, -7.1406, 50.4415



185.2080, -8.4835, 61.2076



236.7530, -32.4162, -9.4304



119.1150, -1.0427, 7.7921



60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 187.6200, 33.2183, -14.5757 looks on a white background.

Color Contrast Check

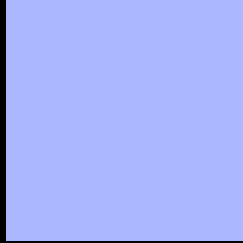
Large Text (above 18pt) WCAG AA × Fail

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 187.6200, 33.2183, -14.5757 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 187.6200, 33.2183, -14.5757

Background



This preview shows how black text looks on a background with the YUV color 187.6200, 33.2183, -14.5757.



This preview shows how white text looks on a background with the YUV color 187.6200, 33.2183, -14.5757.

-14.5757.

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

187.6200, 33.2183, -14.5757

Protanopia

186.7120, 33.6660, -18.1644

Deuteranopia

186.7120, 33.6660, -18.1644



Tritanopia

184.1420, 11.2690, -21.1725

Trichromacy



Original Color

187.6200, 33.2183, -14.5757

Protanomaly

187.3100, 33.3712, -16.9349

Deuteranomaly

187.3100, 33.3712, -16.9349

Tritanomaly

185.5150, 18.9731, -18.8687

Monochromacy



Original Color

187.6200, 33.2183, -14.5757

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7680, 11.9464, -5.0585

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6200, 33.2183, -14.5757 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(171, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 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(171, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 255) }
```

Border

The CSS property to change the border of an element to YUV 187.6200, 33.2183, -14.5757 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(171, 183, 255) }
```


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

```
.border{ border-color:rgb(171, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 183,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 187.6200, 33.2183, -14.5757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 255) }
```

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

```
.background{ background-color: rgb(171,  
183, 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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