

Converting Colors

YUV(193.4680, 30.3353,
-23.2124)

Have a look what the booklet for
YUV(193.4680, 30.3353, -23.2124)
contains.

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Color

**YUV(193.4680, 30.3353,
-23.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C3FF
RGB	167, 195, 255
RGB Percent	65%, 76%, 100%
CMY	0.3451, 0.2353, 0.0000
CMYK	0.35, 0.24, 0.00, 0.00
HSL	221°, 100%, 83%
HSV	221°, 35%, 100%
XYZ	53.5015, 54.4657, 102.3008
YIQ	193.4680, -35.9480, 12.7240

Conversions

Conversions Part 2

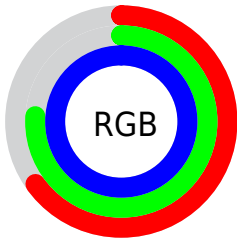
Format	Color
R_{YB}	167, 188, 255
Decimal	10994687
CIE _{Lab}	78.73, 4.51, -32.55
CIE _{LCh}	79, 32.865, 277.883
Yxy	54.4657, 0.2544, 0.2590
Android (android.graphics.Color)	4289184767 (0xFFA7C3FF)
YUV	193.4680, 30.3353, -23.2124
Hunter-Lab	73.8009, 0.2508, -30.5256

Details

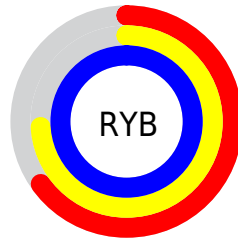
The YUV color **193.4680, 30.3353, -23.2124** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **228.5320, -30.3353, 23.2124**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3830, 5.7272, -16.9989**, and **139.4140, 28.8829, -24.0421** is the 20% darker color. If you saturate the color by 10%, you get **176.0140, 38.9401, -29.8303**, and if you desaturate by 10%, it is **211.2210, 21.5830, -15.9798**.

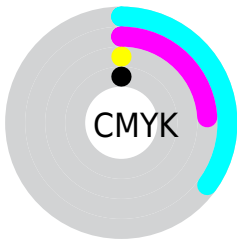
Distribution



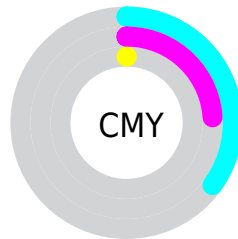
- Red (65%)
- Green (76%)
- Blue (100%)



- Red (65%)
- Yellow (74%)
- Blue (100%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4680, 30.3353, -23.2124 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 193.4680, 30.3353, -23.2124 by changing the saturation by 10% instead.

■ 193.4680, 30.3353,
-23.2124

■ 193.4680, 30.3353,
-23.2124

255.0000, 0.0000,
0.0000

■ 165.9410, 29.6091,
-23.6273

■ 243.3830, 5.7272,
-16.9989

■ 139.4140, 28.8829,
-24.0421

■ 254.4020, 0.2948,
-1.2296

■ 113.0010, 28.5935,
-24.5569

■ 87.7620, 27.7253,
-26.1013

■ 61.7400, 27.7362,
-29.5900

■ 37.6040, 27.3102,
-32.9787

■ 23.1280, 22.6149,

-20.2833

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 193.4680, 30.3353,
-23.2124

■ 193.4680, 30.3353,
-23.2124

■ 176.0140, 38.9401,
-29.8303

■ 211.2210, 21.5830,
-15.9798

■ 157.6740, 47.9817,
-36.5481

■ 229.2620, 12.6888,
-9.8768

■ 140.2200, 56.5865,
-43.1659

■ 247.0150, 3.9366,
-2.6442

■ 121.8800, 65.6282,
-49.8838

■ 255.0000, 0.0000,
0.0000

■ 104.4260, 74.2330,
-56.5016

■ 86.6730, 82.9852,
-63.7342

■ 76.6170, 87.9428,
-67.1931

Harmonies

Analogous

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



185.1390, 32.4695, -54.4959



193.4680, 30.3353, -23.2124



198.5000, 21.9385, 10.0855

Triad

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



193.4680, 30.3353, -23.2124



197.0850, -18.7759, 49.0375



184.3250, -6.5692, -39.7500

Complementary

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



193.4680, 30.3353, -23.2124



228.5320, -30.3353, 23.2124

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.



188.7170, -21.0595, -12.0298



193.4680, 30.3353, -23.2124



195.0050, -27.6105, 35.9526

Square

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



193.4680, 30.3353, -23.2124



198.6410, -5.2460, 49.4268



192.5200, -28.8504, 13.5760



179.7640, 10.9623, -62.9370

Rectangle

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



193.4680, 30.3353, -23.2124



199.8460, 13.8799, 28.1991



192.5200, -28.8504, 13.5760



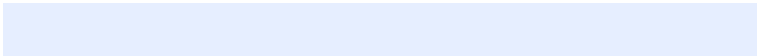
185.5990, -12.1273, -30.3433

Sweetspot

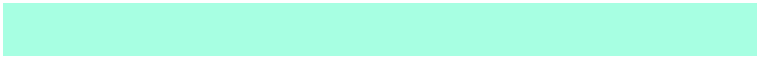
The Sweet Spot groups the original color and five complimentary colors.



193.4680, 30.3353, -23.2124



237.5460, 8.6048, -6.6178



225.3820, 0.3047, -51.2010



116.7590, 5.5418, -4.1736



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.



193.4680, 30.3353, -23.2124



181.9280, 36.0245, -28.0009



181.5170, 36.2271, 0.4236



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946

Inverse Universe

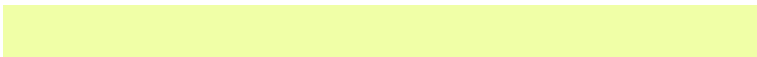
The Inverse Universe completely reimagines the original color for something new.



196.5040, -0.7415, 51.3010



185.2710, -0.6266, 61.1523



240.4830, -36.2271, -0.4236



119.3430, -0.1691, 7.5922



64.0630, -1.5101, 111.3237



21.4160, -0.6981, 37.3462

Previews

White Background



This preview shows how the YUV color 193.4680, 30.3353, -23.2124 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 193.4680, 30.3353, -23.2124 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

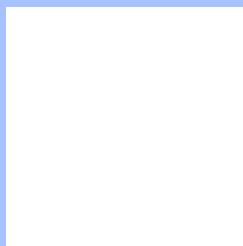
Any Text WCAG AAA ✓ Pass

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

YUV 193.4680, 30.3353, -23.2124 Background



This preview shows how black text looks on a background with the YUV color 193.4680, 30.3353, -23.2124.



This preview shows how white text looks on a background with the YUV color 193.4680, 30.3353, -23.2124.

-23.2124.

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

193.4680, 30.3353, -23.2124

Protanopia

194.7680, 28.7084, -14.7055

Deuteranopia

195.0070, 29.5765, -13.1611



Tritanopia

190.6680, 13.4747, -28.6498

Trichromacy



Original Color

193.4680, 30.3353, -23.2124

Protanomaly

194.2730, 29.4454, -17.7794

Deuteranomaly

194.0990, 30.0242, -16.7498

Tritanomaly

191.2860, 19.5790, -26.5608

Monochromacy



Original Color

193.4680, 30.3353, -23.2124

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.5180, 11.0836, -8.3473

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4680, 30.3353, -23.2124 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, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 195, 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(167, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 195, 255) }
```

Border

The CSS property to change the border of an element to YUV 193.4680, 30.3353, -23.2124 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, 195, 255) }
```


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

```
.border{ border-color:rgb(167, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 195,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 193.4680, 30.3353, -23.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 195, 255) }
```

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

```
.background{ background-color: rgb(167,  
195, 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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