

Converting Colors

YUV(194.8530, 22.7505,
-63.8921)

Have a look what the booklet for
YUV(194.8530, 22.7505, -63.8921)
contains.

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Color

**YUV(194.8530, 22.7505,
-63.8921)**

Conversions

Conversions Part 1	
Format	Color
Hex	7ADFF1
RGB	122, 223, 241
RGB Percent	48%, 87%, 95%
CMY	0.5216, 0.1255, 0.0549
CMYK	0.49, 0.07, 0.00, 0.05
HSL	189°, 81%, 71%
HSV	189°, 49%, 95%
XYZ	50.2909, 63.2638, 92.7796
YIQ	194.8530, -65.9740, -15.8140

Conversions

Conversions Part 2

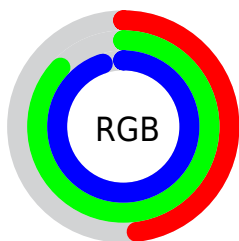
Format	Color
RYB	122, 177, 241
Decimal	8052721
CIELab	83.58, -24.82, -17.92
CIELCh	84, 30.612, 215.827
Yxy	63.2638, 0.2437, 0.3066
Android (android.graphics.Color)	4286242801 (0xFF7ADFF1)
YUV	194.8530, 22.7505, -63.8921
Hunter-Lab	79.5385, -26.3299, -13.4832

Details

The YUV color **194.8530, 22.7505, -63.8921** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **168.1470, -22.7505, 63.8921**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **137.3470, 23.4929, -68.7103** is the 20% darker color. If you saturate the color by 10%, you get **185.3290, 27.4458, -76.5875**, and if you desaturate by 10%, it is **204.3770, 18.0551, -51.1966**.

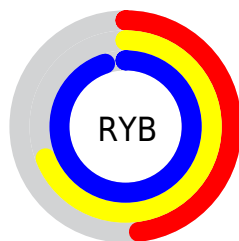
Distribution



Red (48%)

Green (87%)

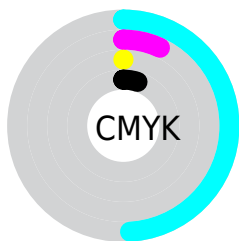
Blue (95%)



Red (48%)

Yellow (69%)

Blue (95%)

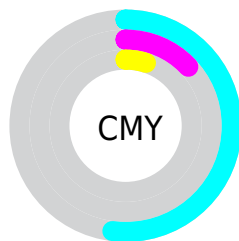


Cyan (49%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (52%)


Magenta (13%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 194.8530, 22.7505, -63.8921 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 194.8530, 22.7505, -63.8921 by changing the saturation by 10% instead.


 194.8530, 22.7505,
-63.8921

 194.8530, 22.7505,
-63.8921


255.0000, 0.0000,
0.0000

 166.2550, 23.0453,
-65.1216


 232.8740, 10.9081,
-45.4935


 137.3470, 23.4929,
-68.7103


 241.8440, 6.4859,
-27.0502

 104.0680, 26.5885,
-81.6206

 250.8140, 2.0637,
-8.6069

 82.5530, 24.3774,
-72.3990

 65.0280, 20.6922,
-57.0296

 48.6770, 16.4282,
-42.6897

 32.5540, 13.0379,

-28.5499

■ 17.2460, 10.2317,
-15.1247

■ 2.4110, 6.6994,
-2.1144

■ 194.8530, 22.7505,
-63.8921

■ 194.8530, 22.7505,
-63.8921

■ 185.3290, 27.4458,
-76.5875

■ 204.3770, 18.0551,
-51.1966

■ 176.3920, 31.8517,
-89.7978

■ 213.3140, 13.6492,
-37.9864

■ 166.8680, 36.5471,
-102.4932

■ 222.8380, 8.9539,
-25.2909


■ 157.3440, 41.2424,
-115.1887

■ 232.3620, 4.2585,
-12.5955

 148.4070, 45.6483,
-128.3989


 241.2990, -0.1474,
0.6148

 147.8090, 45.9432,
-129.6285

 247.5340, -3.2213,
6.5477

 249.8820, -4.3788,
4.4885

 251.6430, -5.2470,
2.9441

 253.4040, -6.1152,
1.3997

Harmonies

Analogous

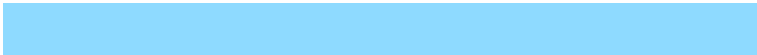
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195.5260, 8.6147, -56.5893



194.8530, 22.7505, -63.8921



199.4940, 27.3645, -50.4222

Triad

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



194.8530, 22.7505, -63.8921



213.4290, 9.6485, 32.0728



206.2860, -27.2560, 15.5352

Complementary

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



194.8530, 22.7505, -63.8921



168.1470, -22.7505, 63.8921

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.



209.1620, -25.7159, 34.9379



194.8530, 22.7505, -63.8921



209.2700, -2.5981, 40.1052

Square

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



194.8530, 22.7505, -63.8921



211.6630, 21.3651, 7.3115



207.8390, -15.6966, 41.3602



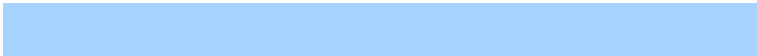
203.1410, -20.7755, -9.7707

Rectangle

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



194.8530, 22.7505, -63.8921



203.4470, 25.4156, -31.9640



207.8390, -15.6966, 41.3602



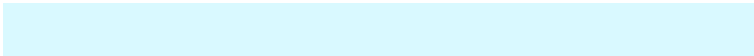
207.2160, -27.7145, 22.6126

Sweetspot

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



194.8530, 22.7505, -63.8921



240.1160, 7.3378, -20.2727



193.9050, -26.5752, -63.0607



118.7750, 4.5479, -12.0807



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.



194.8530, 22.7505, -63.8921



196.6490, 28.7670, -80.3762



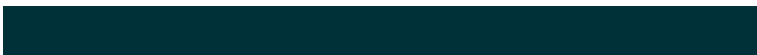
160.2200, 39.8245, -33.5189



115.2380, 2.3477, -6.3477



112.5480, 35.2258, -98.7046



34.5600, 10.5699, -30.3091

Inverse Universe

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



169.0950, 26.5752, 63.0607



164.3280, 33.3623, 79.5193



202.7800, -39.8245, 33.5189



112.7280, 2.5991, 6.3775



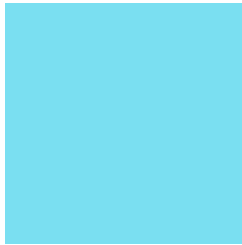
72.8000, 41.0176, 97.5224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 194.8530, 22.7505, -63.8921 looks on a white background.

Color Contrast Check

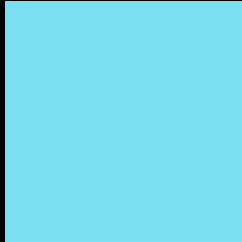
Large Text (above 18pt) WCAG AA × Fail

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 194.8530, 22.7505, -63.8921 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 194.8530, 22.7505, -63.8921

Background



This preview shows how black text looks on a background with the YUV color 194.8530, 22.7505, -63.8921.

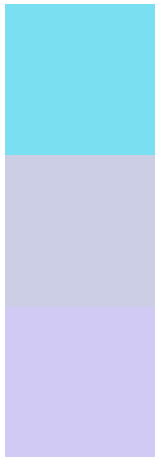


This preview shows how white text looks on a background with the YUV color 194.8530, 22.7505, -63.8921.

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

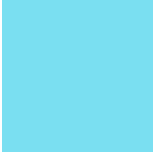
194.8530, 22.7505, -63.8921

Protanopia

208.1380, 10.7780, -3.6290

Deuteranopia

208.9950, 17.7505, 0.0044




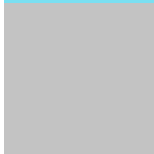
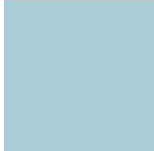
Tritanopia

194.8530, 22.7505, -63.8921

Trichromacy

	Original Color 194.8530, 22.7505, -63.8921
	Protanomaly 203.1460, 15.2110, -25.5610
	Deuteranomaly 204.0090, 19.7156, -23.6869
	Tritanomaly 194.8530, 22.7505, -63.8921

Monochromacy

	Original Color 194.8530, 22.7505, -63.8921
	Achromatopsia 195.0000, 0.0000, 0.0000
	Achromatomaly 194.7350, 8.5116, -23.4466

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.8530, 22.7505, -63.8921 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(122, 223, 241)` looks like.

```
.text, #text, p{  
    color:rgb(122, 223, 241)  
}
```

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(122, 223, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 223, 241) }
```

Border

The CSS property to change the border of an element to YUV 194.8530, 22.7505, -63.8921 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(122, 223, 241) }
```


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

```
.border{ border-color:rgb(122, 223, 241) }
```

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

Here you see how a box with a 4 pixel rgb(122, 223, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 223, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 223, 241);  
box-shadow:4px 4px 4px 4px rgb(122, 223,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 194.8530, 22.7505, -63.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 223, 241) }
```

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

```
.background{ background-color: rgb(122,  
223, 241) }
```

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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