

Converting Colors

YUV(192.8180, 22.7677,
-22.6424)

Have a look what the booklet for
YUV(192.8180, 22.7677, -22.6424)
contains.

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Color

**YUV(192.8180, 22.7677,
-22.6424)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C5EF
RGB	167, 197, 239
RGB Percent	65%, 77%, 94%
CMY	0.3451, 0.2275, 0.0627
CMYK	0.30, 0.18, 0.00, 0.06
HSL	215°, 69%, 80%
HSV	215°, 30%, 94%
XYZ	51.4826, 54.3800, 89.4443
YIQ	192.8180, -31.3620, 6.7020

Conversions

Conversions Part 2

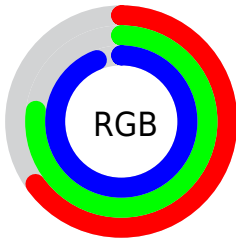
Format	Color
R_{YB}	167, 188, 239
Decimal	10995183
CIE Lab	78.68, -0.54, -24.06
CIE LCh	79, 24.070, 268.720
Yxy	54.3800, 0.2636, 0.2784
Android (android.graphics.Color)	4289185263 (0xFFA7C5EF)
YUV	192.8180, 22.7677, -22.6424
Hunter-Lab	73.7428, -4.4324, -20.2942

Details

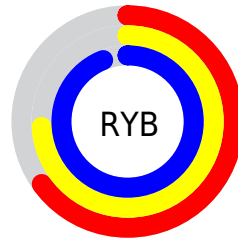
The YUV color $192.8180, 22.7677, -22.6424$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $213.1820, -22.7677, 22.6424$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8450, 5.0064, -19.1581$, and $138.5900, 21.8941, -22.4424$ is the 20% darker color. If you saturate the color by 10%, you get $177.4240, 30.3570, -30.1898$, and if you desaturate by 10%, it is $208.2120, 15.1785, -15.0949$.

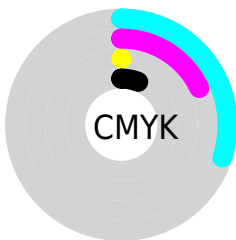
Distribution



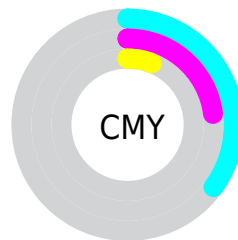
- Red (65%)
- Green (77%)
- Blue (94%)



- Red (65%)
- Yellow (74%)
- Blue (94%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (35%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.8180, 22.7677, -22.6424 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 192.8180, 22.7677, -22.6424 by changing the saturation by 10% instead.

■ 192.8180, 22.7677,
-22.6424

■ 192.8180, 22.7677,
-22.6424

255.0000, 0.0000,
0.0000

■ 165.7040, 22.3309,
-22.5424

■ 244.8450, 5.0064,
-19.1581

■ 138.5900, 21.8941,
-22.4424

■ 254.1030, 0.4422,
-1.8443

■ 113.0630, 21.1679,
-22.8573

■ 87.6500, 20.8785,
-23.3721

■ 63.5250, 20.4472,
-25.0164

■ 37.5950, 20.9057,
-32.0938

■ 22.3470, 17.0839,

-19.5983

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 192.8180, 22.7677,
-22.6424

■ 192.8180, 22.7677,
-22.6424

■ 177.4240, 30.3570,
-30.1898

■ 208.2120, 15.1785,
-15.0949

■ 162.0300, 37.9462,
-37.7373

■ 223.6060, 7.5892,
-7.5475

■ 146.6360, 45.5355,
-45.2848

■ 239.0000, 0.0000,
0.0000

■ 131.2420, 53.1247,
-52.8322

■ 252.0020, -6.4100,
2.6292

■ 115.8480, 60.7139,
-60.3797

■ 253.1760, -6.9888,
1.5996

■ 100.7530, 68.1558,
-67.3124

■ 85.9460, 75.4556,
-75.3746

Harmonies

Analogous

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



187.7680, 21.8064, -41.0155



192.8180, 22.7677, -22.6424



196.5220, 18.4767, 0.4192

Triad

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



192.8180, 22.7677, -22.6424



197.5550, -11.6126, 38.1013



188.5660, -8.6600, -22.4214

Complementary

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



192.8180, 22.7677, -22.6424



213.1820, -22.7677, 22.6424

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.



191.2820, -17.8870, -2.8783



192.8180, 22.7677, -22.6424



196.1490, -19.3005, 30.5643

Square

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



192.8180, 22.7677, -22.6424



198.6930, -0.8346, 34.4722



194.0780, -21.7305, 16.5946



185.6700, 3.6137, -39.1756

Rectangle

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



192.8180, 22.7677, -22.6424



197.8290, 12.9023, 15.0590



194.0780, -21.7305, 16.5946



189.6870, -12.1707, -16.3885

Sweetspot

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



192.8180, 22.7677, -22.6424



240.4920, 7.1524, -7.4475



214.0520, -2.4906, -41.2646



118.2320, 4.8156, -4.5885



0.0000, 0.0000, 0.0000



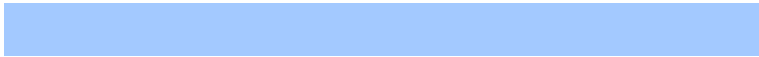
128.0000, 0.0000, 0.0000

Same Dimension

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



192.8180, 22.7677, -22.6424



195.7940, 29.1886, -28.7603



176.7030, 30.7124, -4.1245



112.3030, 3.7946, -3.7737



66.1750, 58.0877, -58.0355



19.8850, 17.8047, -17.4391

Inverse Universe

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



191.9480, 2.4906, 41.2646



194.8400, 3.0369, 52.7603



228.9980, -30.5650, 3.5098



112.1580, 0.4151, 6.8774



63.6800, 6.0738, 105.5206



19.3660, 1.7916, 32.1280

Previews

White Background



This preview shows how the YUV color 192.8180, 22.7677, -22.6424 looks on a white background.

Color Contrast Check

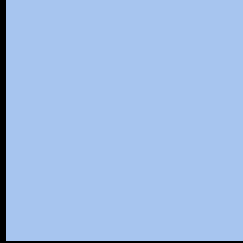
Large Text (above 18pt) WCAG AA × Fail

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 192.8180, 22.7677, -22.6424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

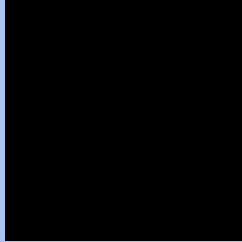
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

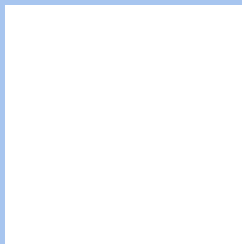
Any Text WCAG AAA ✓ Pass

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

YUV 192.8180, 22.7677, -22.6424 Background



This preview shows how black text looks on a background with the YUV color 192.8180, 22.7677, -22.6424.



This preview shows how white text looks on a background with the YUV color 192.8180, 22.7677, -22.6424.

-22.6424.

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

192.8180, 22.7677, -22.6424

Protanopia

194.9230, 20.2510, -8.7025

Deuteranopia

195.7000, 21.8399, -4.9989



Tritanopia

191.1630, 12.7376, -25.5760

Trichromacy



Original Color

192.8180, 22.7677, -22.6424

Protanomaly

194.1180, 21.1408, -14.1355

Deuteranomaly

195.0690, 22.1510, -11.4615

Tritanomaly

192.0860, 16.2266, -24.6314

Monochromacy



Original Color

192.8180, 22.7677, -22.6424

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8340, 8.4628, -7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8180, 22.7677, -22.6424 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, 197, 239)` looks like.

```
.text, #text, p{  
    color:rgb(167, 197, 239)  
}
```

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, 197, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 197, 239) }
```

Border

The CSS property to change the border of an element to YUV 192.8180, 22.7677, -22.6424 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, 197, 239) }
```


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

```
.border{ border-color:rgb(167, 197, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 197, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 197, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 197, 239);  
box-shadow:4px 4px 4px 4px rgb(167, 197,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 192.8180, 22.7677, -22.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 197, 239) }
```

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

```
.background{ background-color: rgb(167,  
197, 239) }
```

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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