

Converting Colors

YUV(123.2210, 64.9670,
-71.2308)

Have a look what the booklet for
YUV(123.2210, 64.9670, -71.2308)
contains.

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Color

**YUV(123.2210, 64.9670,
-71.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	2A8BFF
RGB	42, 139, 255
RGB Percent	16%, 55%, 100%
CMY	0.8353, 0.4549, 0.0000
CMYK	0.84, 0.45, 0.00, 0.00
HSL	213°, 100%, 58%
HSV	213°, 84%, 100%
XYZ	28.2375, 26.1775, 98.1722
YIQ	123.2210, -95.0480, 15.5120

Conversions

Conversions Part 2

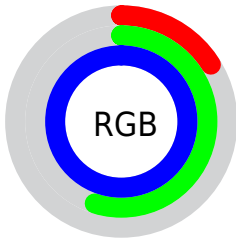
Format	Color
R _Y B	42, 109, 255
Decimal	2788351
CIE Lab	58.21, 13.78, -65.27
CIE LCh	58, 66.713, 281.921
Yxy	26.1775, 0.1851, 0.1716
Android (android.graphics.Color)	4280978431 (0xFF2A8BFF)
YUV	123.2210, 64.9670, -71.2308
Hunter-Lab	51.1639, 8.9776, -77.9496

Details

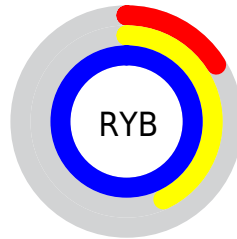
The YUV color **123.2210, 64.9670, -71.2308** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **173.7790, -64.9670, 71.2308**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5510, 37.6894, -48.7182**, and **75.2880, 60.0040, -66.0276** is the 20% darker color. If you saturate the color by 10%, you get **107.2290, 72.8511, -80.0078**, and if you desaturate by 10%, it is **138.9140, 57.2304, -63.0686**.

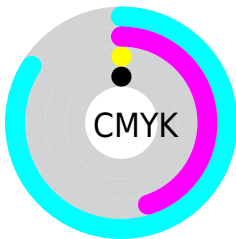
Distribution



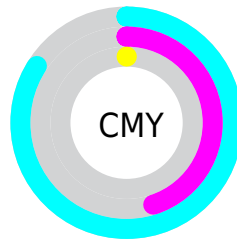
- Red (16%)
- Green (55%)
- Blue (100%)



- Red (16%)
- Yellow (43%)
- Blue (100%)



- Cyan (84%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.2210, 64.9670, -71.2308 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 123.2210, 64.9670, -71.2308 by changing the saturation by 10% instead.

■ 123.2210, 64.9670,
-71.2308

■ 123.2210, 64.9670,
-71.2308

■ 255.0000, 0.0000,
0.0000

■ 92.6820, 65.7258,
-81.2821

■ 178.5510, 37.6894,
-48.7182

■ 75.2880, 60.0040,
-66.0276

■ 204.2670, 25.0114,
-42.3302

■ 59.2960, 54.5771,
-52.0026

■ 230.8580, 11.9020,
-37.5865

■ 43.7770, 48.4239,
-38.3924

■ 244.5350, 5.1592,
-21.5172

■ 29.6600, 42.5656,
-26.0118

■ 253.8040, 0.5896,
-2.4591

■ 15.6570, 37.1441,
-13.7312

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 123.2210, 64.9670,
-71.2308

■ 123.2210, 64.9670,
-71.2308

■ 107.2290, 72.8511,
-80.0078

■ 138.9140, 57.2304,
-63.0686

■ 97.1620, 77.8141,
-85.2111

■ 154.9060, 49.3463,
-54.2916

■ 170.8980, 41.4623,
-45.5145

■ 186.5910, 33.7256,
-37.3523

■ 201.9960, 26.1310,
-28.0605

■ 217.6890, 18.3943,
-19.8983

■ 233.6810, 10.5103,
-11.1212

■ 249.3740, 2.7736,
-2.9590

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



120.1860, 64.4913, -105.4031



123.2210, 64.9670, -71.2308



143.7510, 41.5348, 24.7744

Triad

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



123.2210, 64.9670, -71.2308



133.8910, -34.4563, 85.1646



108.3690, -3.6329, -95.0396

Complementary

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



123.2210, 64.9670, -71.2308



173.7790, -64.9670, 71.2308

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.



121.2690, -38.5866, -37.0699



123.2210, 64.9670, -71.2308



132.0760, -62.1555, 56.0613

Square

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



123.2210, 64.9670, -71.2308



132.8950, -6.8502, 97.4391



128.7690, -63.4831, 15.1116



116.4970, 22.4330, -102.1679

Rectangle

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



123.2210, 64.9670, -71.2308



141.4970, 26.8700, 61.8311



128.7690, -63.4831, 15.1116



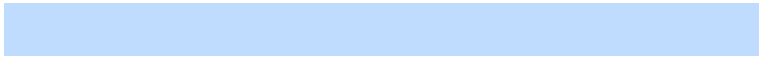
105.0290, -11.3533, -92.1104

Sweetspot

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



123.2210, 64.9670, -71.2308



215.3190, 19.5627, -21.3278



180.0270, -11.8453, -121.0497



104.0120, 11.8261, -13.1655



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.



123.2210, 64.9670, -71.2308



97.1620, 77.8141, -85.2111



68.3750, 92.0061, -16.9919



120.0040, 3.9420, -4.3885



72.8430, 58.2514, -63.8833



24.3190, 19.5627, -21.3278

Inverse Universe

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



116.7450, 10.9717, 121.2496



89.4690, 13.0798, 145.1707



228.6250, -92.0061, 16.9919



119.5710, 0.7045, 7.3922



67.0270, 9.8467, 108.7243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 123.2210, 64.9670, -71.2308 looks on a white background.

Color Contrast Check

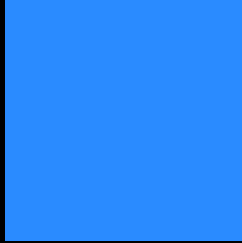
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.2210, 64.9670, -71.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

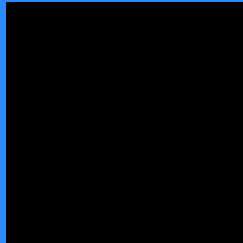
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

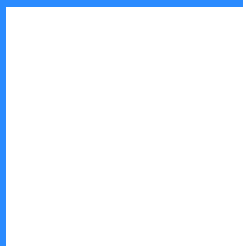
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.2210, 64.9670, -71.2308

Background



This preview shows how black text looks on a background with the YUV color 123.2210, 64.9670, -71.2308.



This preview shows how white text looks on a background with the YUV color 123.2210, 64.9670, -71.2308.

-71.2308.

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

123.2210, 64.9670, -71.2308

Protanopia

132.3770, 58.4811, -44.1806

Deuteranopia

111.2670, 68.3954, -97.5812



Tritanopia

109.2080, 27.5055, -95.7754

Trichromacy



Original Color

123.2210, 64.9670, -71.2308

Protanomaly

128.5930, 60.8397, -54.0171

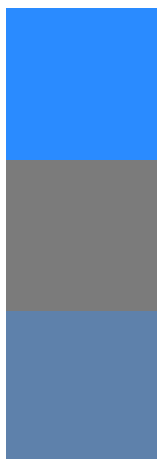
Deuteranomaly

115.3930, 67.3473, -88.0447

Tritanomaly

114.5200, 41.1556, -87.2790

Monochromacy



Original Color

123.2210, 64.9670, -71.2308

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3230, 23.5048, -25.7163

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2210, 64.9670, -71.2308 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(42, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(42, 139, 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(42, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 139, 255) }
```

Border

The CSS property to change the border of an element to YUV 123.2210, 64.9670, -71.2308 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(42, 139, 255) }
```


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

```
.border{ border-color:rgb(42, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(42, 139,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 123.2210, 64.9670, -71.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 139, 255) }
```

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

```
.background{ background-color: rgb(42, 139,  
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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