

Converting Colors

YUV(122.5460, 65.2998,
-84.6708)

Have a look what the booklet for
YUV(122.5460, 65.2998, -84.6708)
contains.

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Color

**YUV(122.5460, 65.2998,
-84.6708)**

Conversions

Conversions Part 1

Format	Color
Hex	1A92FF
RGB	26, 146, 255
RGB Percent	10%, 57%, 100%
CMY	0.8980, 0.4275, 0.0000
CMYK	0.90, 0.43, 0.00, 0.00
HSL	209°, 100%, 55%
HSV	209°, 90%, 100%
XYZ	28.7549, 27.9974, 98.4962
YIQ	122.5460, -106.5090, 8.4590

Conversions

Conversions Part 2

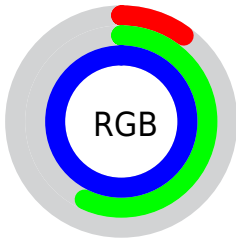
Format	Color
R _Y B	26, 105, 255
Decimal	1741567
CIE Lab	59.89, 8.56, -62.59
CIE LCh	60, 63.171, 277.787
Yxy	27.9974, 0.1852, 0.1803
Android (android.graphics.Color)	4279931647 (0xFF1A92FF)
YUV	122.5460, 65.2998, -84.6708
Hunter-Lab	52.9126, 4.4074, -73.3290

Details

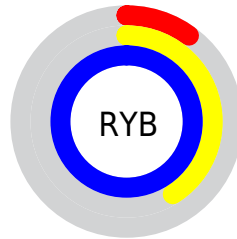
The YUV color **122.5460, 65.2998, -84.6708** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **158.4540, -65.2998, 84.6708**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8660, 36.5481, -56.0105**, and **78.8100, 58.2677, -69.1164** is the 20% darker color. If you saturate the color by 10%, you get **107.7280, 72.6051, -94.4775**, and if you desaturate by 10%, it is **137.0650, 58.1420, -75.4790**.

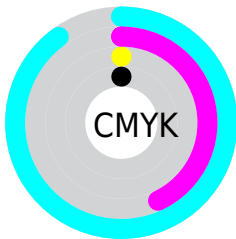
Distribution



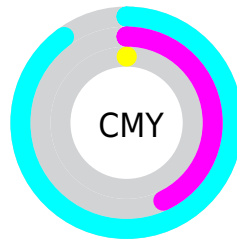
- Red (10%)
- Green (57%)
- Blue (100%)



- Red (10%)
- Yellow (41%)
- Blue (100%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5460, 65.2998, -84.6708 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 122.5460, 65.2998, -84.6708 by changing the saturation by 10% instead.

■ 122.5460, 65.2998,
-84.6708

■ 122.5460, 65.2998,
-84.6708

255.0000, 0.0000,
0.0000

■ 96.7910, 63.7000,
-84.8857

■ 180.8660, 36.5481,
-56.0105

■ 78.8100, 58.2677,
-69.1164

■ 207.4680, 23.4333,
-49.5224

■ 62.2310, 53.1301,
-54.5766

■ 233.4720, 10.6133,
-44.2639

■ 46.8260, 47.4138,
-41.0664

■ 243.0400, 5.8963,
-24.5911

■ 32.5950, 41.1187,
-28.5858

■ 252.3090, 1.3267,
-5.5330

■ 14.4830, 37.7229,
-12.7016

■ 11.7470, 27.2397,

-10.3021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 122.5460, 65.2998,
-84.6708

■ 122.5460, 65.2998,
-84.6708

■ 107.7280, 72.6051,
-94.4775

■ 137.0650, 58.1420,
-75.4790

■ 151.8830, 50.8367,
-65.6724

■ 166.4020, 43.6788,
-56.4806

■ 181.8070, 36.0841,
-47.1887

■ 196.3260, 28.9263,
-37.9969

■ 211.1440, 21.6210,
-28.1903

■ 225.6630, 14.4631,
-18.9985

■ 240.4810, 7.1579,
-9.1918

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.



122.6650, 61.2972, -107.5772



122.5460, 65.2998, -84.6708



148.0980, 41.8567, 14.8231

Triad

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



122.5460, 65.2998, -84.6708



140.0310, -30.0883, 84.1648



110.0160, -4.9379, -96.4840

Complementary

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



122.5460, 65.2998, -84.6708



158.4540, -65.2998, 84.6708

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.



128.9930, -39.9295, -26.3039



122.5460, 65.2998, -84.6708



139.1330, -51.8306, 57.7654

Square

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



122.5460, 65.2998, -84.6708



140.2470, -4.0658, 90.9914



134.1550, -62.1944, 21.7891



117.8020, 19.8176, -103.3124

Rectangle

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



122.5460, 65.2998, -84.6708



147.3710, 27.9181, 52.2946



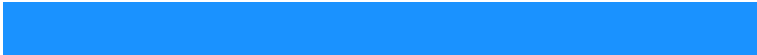
134.1550, -62.1944, 21.7891



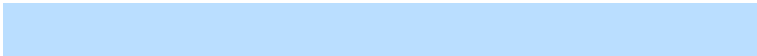
115.4610, -16.4963, -75.8263

Sweetspot

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



122.5460, 65.2998, -84.6708



214.9980, 19.7210, -25.4312



172.6210, -19.5332, -128.5866



104.0010, 11.8315, -14.9099



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.



122.5460, 65.2998, -84.6708



107.7280, 72.6051, -94.4775



56.8020, 97.7116, -27.0134



120.0040, 3.9420, -4.3885



80.4740, 54.4893, -70.5757



26.6670, 18.4052, -23.3870

Inverse Universe

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



108.1510, 18.6596, 128.7866



91.5210, 20.9421, 143.3711



224.1980, -97.7116, 27.0134



119.5710, 0.7045, 7.3922



68.5090, 15.5251, 107.4246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 122.5460, 65.2998, -84.6708 looks on a white background.

Color Contrast Check

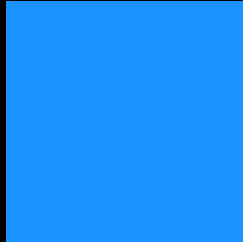
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.5460, 65.2998, -84.6708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

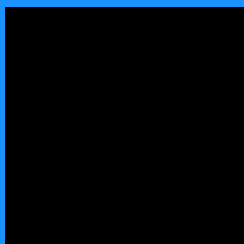
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

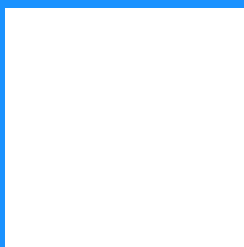
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 122.5460, 65.2998, -84.6708

Background



This preview shows how black text looks on a background with the YUV color 122.5460, 65.2998, -84.6708.



This preview shows how white text looks on a background with the YUV color 122.5460, 65.2998, -84.6708.

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

122.5460, 65.2998, -84.6708

Protanopia

138.6720, 54.3917, -39.1773

Deuteranopia

125.2480, 63.9677, -77.3935



Tritanopia

112.7130, 28.2425, -98.8493

Trichromacy



Original Color

122.5460, 65.2998, -84.6708

Protanomaly

132.5990, 58.3717, -55.7763

Deuteranomaly

124.0520, 64.5574, -79.8526

Tritanomaly

116.0030, 41.9035, -93.8416

Monochromacy



Original Color

122.5460, 65.2998, -84.6708

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7030, 23.8104, -30.4345

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5460, 65.2998, -84.6708 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(26, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 146, 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(26, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 146, 255) }
```

Border

The CSS property to change the border of an element to YUV 122.5460, 65.2998, -84.6708 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(26, 146, 255) }
```


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

```
.border{ border-color:rgb(26, 146, 255) }
```

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

Here you see how a box with a 4 pixel rgb(26, 146, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 146, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 146, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 146,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 122.5460, 65.2998, -84.6708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 146, 255) }
```

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

```
.background{ background-color: rgb(26, 146,  
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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