

Converting Colors

YUV(121.9800, -10.3431,
-89.4365)

Have a look what the booklet for
YUV(121.9800, -10.3431, -89.4365)
contains.

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Color

**YUV(121.9800, -10.3431,
-89.4365)**

Conversions

Conversions Part 1

Format	Color
Hex	14B265
RGB	20, 178, 101
RGB Percent	8%, 70%, 40%
CMY	0.9216, 0.3020, 0.6039
CMYK	0.89, 0.00, 0.43, 0.30
HSL	151°, 80%, 39%
HSV	151°, 89%, 70%
XYZ	18.5578, 32.9291, 17.6898
YIQ	121.9800, -69.4510, -57.4430

Conversions

Conversions Part 2

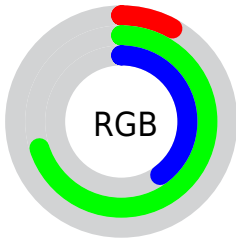
Format	Color
RYB	20, 124, 178
Decimal	1356389
CIELab	64.10, -55.21, 28.98
CIELCh	64, 62.349, 152.305
Yxy	32.9291, 0.2683, 0.4760
Android (android.graphics.Color)	4279546469 (0xFF14B265)
YUV	121.9800, -10.3431, -89.4365
Hunter-Lab	57.3839, -42.6952, 21.8913

Details

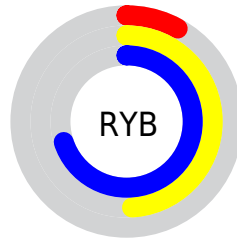
The YUV color **121.9800, -10.3431, -89.4365** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **76.0200, 10.3431, 89.4365**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9880, -15.7701, -75.4115**, and **78.8300, -12.7342, -69.1339** is the 20% darker color. If you saturate the color by 10%, you get **115.5720, -11.6210, -99.6026**, and if you desaturate by 10%, it is **128.3880, -9.0653, -79.2703**.

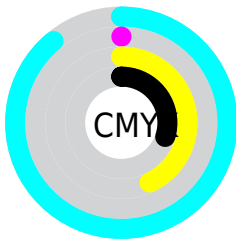
Distribution



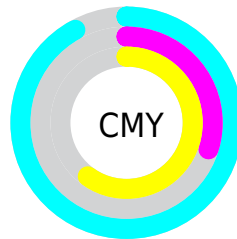
- Red (8%)
- Green (70%)
- Blue (40%)



- Red (8%)
- Yellow (49%)
- Blue (70%)



- Cyan (89%)
- Magenta (0%)
- Yellow (43%)
- Black (30%)





- Cyan (92%)
- Magenta (30%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.9800, -10.3431, -89.4365 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 121.9800, -10.3431, -89.4365 by changing the saturation by 10% instead.


 121.9800,
-10.3431, -89.4365

 121.9800,
-10.3431, -89.4365


255.0000, 0.0000,
0.0000

 97.3010, -10.5014,
-85.3330


 184.9880,
-15.7701, -75.4115

 78.8300, -12.7342,
-69.1339


 208.7760,
-14.1866, -69.9636


 60.8320, -15.6932,
-53.3497


 220.9380, -6.3784,
-54.3196

 43.4210, -18.9416,
-38.0802

 233.1000, 1.4297,
-38.6757

 29.3500, -14.4695,
-25.7399

 244.2360, 5.3067,
-22.1320

 13.5010, -6.6560,
-11.8404

 253.5050, 0.7370,

 0.0000, 0.0000,

-3.0739

0.0000

■ 121.9800,
-10.3431, -89.4365

■ 121.9800,
-10.3431, -89.4365

■ 115.5720,
-11.6210, -99.6026

■ 128.3880, -9.0653,
-79.2703

■ 114.8600,
-11.7630, -100.7322

■ 134.6820, -8.2242,
-69.0041

■ 140.7910, -6.7990,
-59.4527

■ 147.1990, -5.5211,
-49.2865

■ 153.4930, -4.6800,
-39.0204

■ 159.9010, -3.4022,
-28.8542

■ 166.3090, -2.1243,
-18.6880

■ 172.3040, -1.1359,
-9.0366

■ 178.7120, 0.1420,
1.1296

Harmonies

Analogous

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



142.0220, -43.8878, -16.6823



121.9800, -10.3431, -89.4365



124.8460, 16.3449, -109.4899

Triad

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



121.9800, -10.3431, -89.4365



122.9900, 65.0809, -107.8622



151.4920, -25.8786, 87.2685

Complementary

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



121.9800, -10.3431, -89.4365



76.0200, 10.3431, 89.4365

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.



153.2620, -0.1292, 88.3472



121.9800, -10.3431, -89.4365



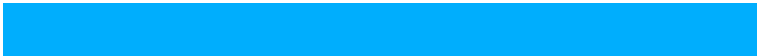
158.5310, 45.0942, 3.0423

Square

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



121.9800, -10.3431, -89.4365



130.9800, 60.1559, -114.8695



158.7910, 24.2600, 58.9423



151.2030, -47.9211, 63.8430

Rectangle

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



121.9800, -10.3431, -89.4365



129.1780, 32.9432, -113.2891



158.7910, 24.2600, 58.9423



151.6910, -17.5957, 90.6020

Sweetspot

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



121.9800, -10.3431, -89.4365



209.7430, -3.8173, -35.7316



136.3670, -57.3689, -32.7709



103.8850, -2.4083, -20.9471



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



121.9800, -10.3431, -89.4365



149.7500, -15.1597, -131.3307



130.7580, 23.2903, -97.1348



85.8530, -0.4205, -5.1331



98.7030, -10.2066, -86.5625



16.7440, -1.8458, -14.6845

Inverse Universe

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



76.0200, 10.3431, 89.4365



82.2500, 15.1597, 131.3307



67.2420, -23.2903, 97.1348



83.2610, 0.8573, 5.0331



54.2970, 10.2066, 86.5625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 121.9800, -10.3431, -89.4365 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 121.9800, -10.3431, -89.4365 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 121.9800, -10.3431, -89.4365 Background



This preview shows how black text looks on a background with the YUV color 121.9800, -10.3431, -89.4365.



This preview shows how white text looks on a background with the YUV color 121.9800, -10.3431, -89.4365.

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

121.9800, -10.3431, -89.4365

Protanopia

151.4170, -29.2926, 15.4203

Deuteranopia

154.2040, -22.7786, 26.1311



Tritanopia

140.2830, 20.5665, -63.3922

Trichromacy



Original Color

121.9800, -10.3431, -89.4365



Protanomaly

140.8960, -22.6267, -22.7108



Deuteranomaly

142.3790, -18.4278, -16.1184



Tritanomaly

133.6550, 9.5371, -72.4884

Monochromacy



Original Color

121.9800, -10.3431, -89.4365



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.7650, -3.8281, -32.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9800, -10.3431, -89.4365 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(20, 178, 101)` looks like.

```
.text, #text, p{  
    color:rgb(20, 178, 101)  
}
```

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(20, 178, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 178, 101) }
```

Border

The CSS property to change the border of an element to YUV 121.9800, -10.3431, -89.4365 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(20, 178, 101) }
```


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

```
.border{ border-color:rgb(20, 178, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 178, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 178, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 178, 101);  
box-shadow:4px 4px 4px 4px rgb(20, 178,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 121.9800, -10.3431, -89.4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 178, 101) }
```

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

```
.background{ background-color: rgb(20, 178,  
101) }
```

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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