

Converting Colors

YUV(154.0120, 28.5881,
-22.8125)

Have a look what the booklet for
YUV(154.0120, 28.5881, -22.8125)
contains.

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Color

**YUV(154.0120, 28.5881,
-22.8125)**

Conversions

Conversions Part 1

Format	Color
Hex	809CD4
RGB	128, 156, 212
RGB Percent	50%, 61%, 83%
CMY	0.4980, 0.3882, 0.1686
CMYK	0.40, 0.26, 0.00, 0.17
HSL	220°, 49%, 67%
HSV	220°, 40%, 83%
XYZ	32.6742, 33.1196, 66.9580
YIQ	154.0120, -34.6640, 11.4800

Conversions

Conversions Part 2

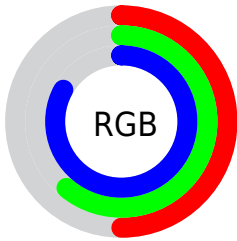
Format	Color
R_{YB}	128, 149, 212
Decimal	8428756
CIE _{Lab}	64.26, 4.32, -31.70
CIE _{LCh}	64, 31.995, 277.766
Yxy	33.1196, 0.2461, 0.2495
Android (android.graphics.Color)	4286618836 (0xFF809CD4)
YUV	154.0120, 28.5881, -22.8125
Hunter-Lab	57.5496, 0.6328, -28.6981

Details

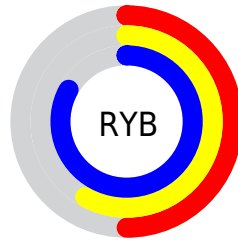
The YUV color **154.0120, 28.5881, -22.8125** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **185.9880, -28.5881, 22.8125**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0570, 23.6359, -21.0980**, and **101.6590, 27.2831, -24.2569** is the 20% darker color. If you saturate the color by 10%, you get **139.5150, 35.7351, -28.5157**, and if you desaturate by 10%, it is **168.5090, 21.4411, -17.1094**.

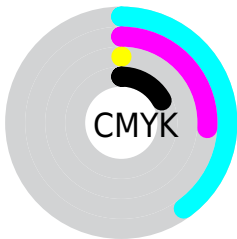
Distribution



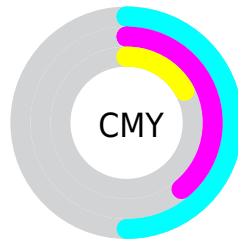
- Red (50%)
- Green (61%)
- Blue (83%)



- Red (50%)
- Yellow (58%)
- Blue (83%)



- Cyan (40%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (39%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0120, 28.5881, -22.8125 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 154.0120, 28.5881, -22.8125 by changing the saturation by 10% instead.

■ 154.0120, 28.5881,
-22.8125

■ 154.0120, 28.5881,
-22.8125

255.0000, 0.0000,
0.0000

■ 127.4850, 27.8619,
-23.2273

■ 207.0570, 23.6359,
-21.0980

■ 101.6590, 27.2831,
-24.2569

■ 232.7510, 10.9688,
-18.1986

■ 76.5340, 26.8517,
-25.9013

■ 250.8140, 2.0637,
-8.6069

■ 50.2020, 27.0154,
-31.7492

■ 30.9530, 24.6732,
-27.1458

■ 16.0040, 20.7040,
-14.0355

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 154.0120, 28.5881,
-22.8125

■ 154.0120, 28.5881,
-22.8125

■ 139.5150, 35.7351,
-28.5157

■ 168.5090, 21.4411,
-17.1094

■ 125.0180, 42.8821,
-34.2188

■ 183.0060, 14.2940,
-11.4063

■ 110.2220, 50.1766,
-40.5367

■ 197.8020, 6.9996,
-5.0884

■ 95.1380, 57.6130,
-45.7250

■ 212.8860, -0.4368,
0.1000

■ 80.6410, 64.7600,
-51.4282

■ 227.3830, -7.5838,
5.8031

■ 66.1440, 71.9070,
-57.1313

■ 241.8800,
-14.7308, 11.5062

■ 65.8450, 72.0544,
-57.7461

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



145.3840, 30.8697, -54.7108



154.0120, 28.5881, -22.8125



159.1470, 20.6335, 8.6411

Triad

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



154.0120, 28.5881, -22.8125



157.4050, -17.4547, 45.2488



145.4500, -6.1378, -38.1056

Complementary

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



154.0120, 28.5881, -22.8125



185.9880, -28.5881, 22.8125

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.



149.7710, -19.6071, -11.2002



154.0120, 28.5881, -22.8125



155.7380, -25.9998, 32.6788

Square

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



154.0120, 28.5881, -22.8125



158.7330, -4.7984, 45.8382



153.0900, -26.6664, 13.0761



139.1770, 11.2517, -62.4222

Rectangle

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



154.0120, 28.5881, -22.8125



159.7210, 13.4485, 26.5547



153.0900, -26.6664, 13.0761



146.8380, -11.2591, -28.7989

Sweetspot

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



154.0120, 28.5881, -22.8125



233.9910, 10.3574, -8.7621



183.6920, 0.1518, -48.8419



115.5740, 6.1260, -4.8884



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.



154.0120, 28.5881, -22.8125



170.3880, 41.7137, -32.7893



141.7620, 34.6273, 0.2087



99.6020, 3.6472, -3.1590



52.9530, 58.1972, -46.4398



13.1200, 14.7308, -11.5062

Inverse Universe

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



156.3080, -0.1518, 48.8419



174.0380, -0.5117, 71.0037



198.2380, -34.6273, -0.2087



99.7450, 0.1257, 6.3626



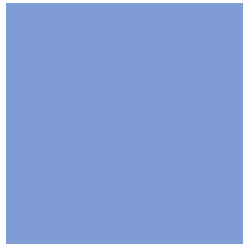
57.6270, -0.3091, 99.4281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 154.0120, 28.5881, -22.8125 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 154.0120, 28.5881, -22.8125 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

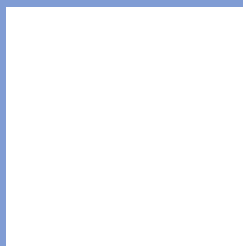
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.0120, 28.5881, -22.8125

Background



This preview shows how black text looks on a background with the YUV color 154.0120, 28.5881, -22.8125.



This preview shows how white text looks on a background with the YUV color 154.0120, 28.5881, -22.8125.

-22.8125.

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

154.0120, 28.5881, -22.8125

Protanopia

155.3120, 26.9612, -14.3056

Deuteranopia

155.3550, 28.4190, -15.2203



Tritanopia

151.3260, 12.1643, -28.3499

Trichromacy



Original Color

154.0120, 28.5881, -22.8125

Protanomaly

154.8170, 27.6982, -17.3795

Deuteranomaly

154.7460, 28.7192, -18.1942

Tritanomaly

151.9440, 18.2686, -26.2609

Monochromacy



Original Color

154.0120, 28.5881, -22.8125

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2900, 10.2100, -8.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0120, 28.5881, -22.8125 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(128, 156, 212)` looks like.

```
.text, #text, p{  
    color:rgb(128, 156, 212)  
}
```

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(128, 156, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 212) }
```

Border

The CSS property to change the border of an element to YUV 154.0120, 28.5881, -22.8125 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(128, 156, 212) }
```


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

```
.border{ border-color:rgb(128, 156, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 156, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 156, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 156, 212);  
box-shadow:4px 4px 4px 4px rgb(128, 156,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 154.0120, 28.5881, -22.8125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 212) }
```

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

```
.background{ background-color: rgb(128,  
156, 212) }
```

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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