

Converting Colors

YUV(121.7950, -25.5349,
70.3398)

Have a look what the booklet for
YUV(121.7950, -25.5349, 70.3398)
contains.

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Color

**YUV(121.7950, -25.5349,
70.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	CA5B46
RGB	202, 91, 70
RGB Percent	79%, 36%, 27%
CMY	0.2078, 0.6431, 0.7255
CMYK	0.00, 0.55, 0.65, 0.21
HSL	10°, 55%, 53%
HSV	10°, 65%, 79%
XYZ	29.2037, 20.4809, 8.2084
YIQ	121.7950, 72.8970, 17.0010

Conversions

Conversions Part 2

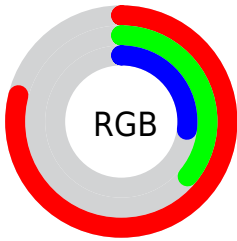
Format	Color
R_{YB}	202, 95, 70
Decimal	13261638
CIE _{Lab}	52.38, 42.67, 33.40
CIE _{LCh}	52, 54.186, 38.057
Yxy	20.4809, 0.5044, 0.3538
Android (android.graphics.Color)	4291451718 (0xFFCA5B46)
YUV	121.7950, -25.5349, 70.3398
Hunter-Lab	45.2559, 35.9887, 20.9253

Details

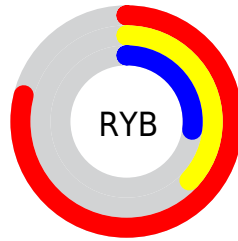
The YUV color **121.7950, -25.5349, 70.3398** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **150.2050, 25.5349, -70.3398**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3390, -27.2821, 70.7397**, and **68.2010, -21.2981, 64.7217** is the 20% darker color. If you saturate the color by 10%, you get **109.5360, -29.3512, 81.0909**, and if you desaturate by 10%, it is **134.0540, -21.7186, 59.5886**.

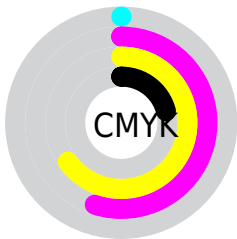
Distribution



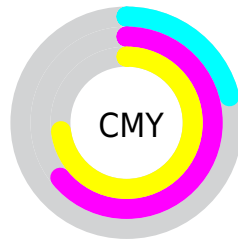
- Red (79%)
- Green (36%)
- Blue (27%)



- Red (79%)
- Yellow (37%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (65%)
- Black (21%)





- Cyan (21%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.7950, -25.5349, 70.3398 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 121.7950, -25.5349, 70.3398 by changing the saturation by 10% instead.


 121.7950,
-25.5349, 70.3398

 121.7950,
-25.5349, 70.3398


255.0000, 0.0000,
0.0000


 94.9410, -23.6349,
67.5807


 174.3390,
-27.2821, 70.7397


 68.2010, -21.2981,
64.7217


 193.1520,
-23.7389, 54.2407


 37.4230, -17.9565,
66.2810


 212.5520,
-20.4851, 37.2269

 25.1160, -12.3822,
51.6413

 232.7670,
-16.6471, 19.4983

 17.1570, -7.9654,
34.9423

 251.8080,
-12.2303, 2.7994

 6.2790, -3.0955,
12.9103

 0.0000, 0.0000,

0.0000

■ 121.7950,
-25.5349, 70.3398

■ 121.7950,
-25.5349, 70.3398

■ 109.5360,
-29.3512, 81.0909

■ 134.0540,
-21.7186, 59.5886

■ 97.2770, -33.1676,
91.8421

■ 146.3130,
-17.9023, 48.8375

■ 84.9040, -37.4207,
102.6932

■ 158.6860,
-13.6492, 37.9864

■ 79.1820, -39.0367,
107.7114

■ 170.9450, -9.8329,
27.2352

■ 183.2040, -6.0166,
16.4841

■ 195.4630, -2.2003,
5.7329

■ 207.7220, 1.6161,
-5.0182

■ 220.0950, 5.8692,
-15.8693

■ 232.3540, 9.6855,
-26.6205

Harmonies

Analogous

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



122.4470, -4.1644, 75.9070



121.7950, -25.5349, 70.3398



121.0700, -42.9255, 48.1736

Triad

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



121.7950, -25.5349, 70.3398



95.1470, -3.5235, -83.4439



111.2580, 52.1308, -60.7393

Complementary

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



121.7950, -25.5349, 70.3398



150.2050, 25.5349, -70.3398

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.



105.6470, 51.9390, -92.6524



121.7950, -25.5349, 70.3398



101.9070, 17.3008, -89.3724

Square

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



121.7950, -25.5349, 70.3398



112.2630, -32.6677, -22.1557



106.3360, 36.8094, -93.2567



128.2520, 34.8788, 12.9340

Rectangle

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



121.7950, -25.5349, 70.3398



118.9290, -49.2650, 28.1263



106.3360, 36.8094, -93.2567



101.7490, 57.3117, -89.2339

Sweetspot

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



121.7950, -25.5349, 70.3398



223.9450, -9.8329, 27.2352



122.2360, 29.4637, 69.9530



109.2040, -6.0166, 16.4841



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.



121.7950, -25.5349, 70.3398



134.2850, -38.5945, 105.8671



159.9500, -44.3453, 36.8779



95.5770, -1.7635, 5.6330



64.8960, -31.9937, 88.6682



14.8840, -7.3378, 20.2727

Inverse Universe

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



150.2050, 25.5349, -70.3398



176.7150, 38.5945, -105.8671



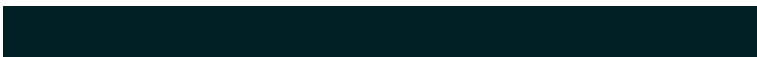
112.0500, 44.3454, -36.8778



97.8360, 2.0529, -5.1182



100.5170, 32.2831, -88.1534



23.1160, 7.3378, -20.2727

Previews

White Background



This preview shows how the YUV color 121.7950, -25.5349, 70.3398 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 121.7950, -25.5349, 70.3398 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 121.7950, -25.5349, 70.3398

Background



This preview shows how black text looks on a background with the YUV color 121.7950, -25.5349, 70.3398.



This preview shows how white text looks on a background with the YUV color 121.7950, -25.5349, 70.3398.

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

121.7950, -25.5349, 70.3398

Protanopia

123.5010, -19.9670, 10.9616

Deuteranopia

123.7820, -29.4725, 26.5012



Tritanopia

123.0690, -14.3310, 70.0995

Trichromacy



Original Color

121.7950, -25.5349, 70.3398

Protanomaly

123.0630, -22.2161, 32.3937

Deuteranomaly

122.6360, -27.9215, 42.4152

Tritanomaly

122.6300, -18.5516, 70.4845

Monochromacy



Original Color

121.7950, -25.5349, 70.3398

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0480, -9.3907, 25.3909

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.7950, -25.5349, 70.3398 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(202, 91, 70)` looks like.

```
.text, #text, p{  
    color:rgb(202, 91, 70)  
}
```

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(202, 91, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 91, 70) }
```

Border

The CSS property to change the border of an element to YUV 121.7950, -25.5349, 70.3398 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(202, 91, 70) }
```


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

```
.border{ border-color:rgb(202, 91, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 91, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 91, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 91, 70);  
box-shadow:4px 4px 4px 4px rgb(202, 91,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 121.7950, -25.5349, 70.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 91, 70) }
```

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

```
.background{ background-color: rgb(202, 91,  
70) }
```

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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