

Converting Colors

YUV(121.9730, -18.7207,
78.0767)

Have a look what the booklet for
YUV(121.9730, -18.7207, 78.0767)
contains.

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Color

**YUV(121.9730, -18.7207,
78.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	D35454
RGB	211, 84, 84
RGB Percent	83%, 33%, 33%
CMY	0.1725, 0.6706, 0.6706
CMYK	0.00, 0.60, 0.60, 0.17
HSL	0°, 59%, 58%
HSV	0°, 60%, 83%
XYZ	31.6345, 20.8296, 10.7407
YIQ	121.9730, 75.6920, 26.9240

Conversions

Conversions Part 2

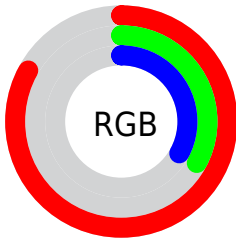
Format	Color
RYB	211, 84, 84
Decimal	13849684
CIELab	52.76, 50.12, 26.15
CIElCh	53, 56.526, 27.551
Yxy	20.8296, 0.5005, 0.3296
Android (android.graphics.Color)	4292039764 (0xFFD35454)
YUV	121.9730, -18.7207, 78.0767
Hunter-Lab	45.6395, 43.8563, 17.9945

Details

The YUV color **121.9730, -18.7207, 78.0767** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **173.0270, 18.7207, -78.0767**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5270, -18.9938, 72.3288**, and **64.5580, -12.6001, 74.9326** is the 20% darker color. If you saturate the color by 10%, you get **107.2520, -21.8162, 90.9870**, and if you desaturate by 10%, it is **136.6940, -15.6251, 65.1664**.

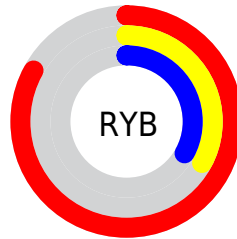
Distribution



Red (83%)

Green (33%)

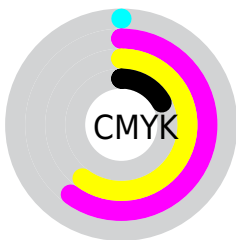
Blue (33%)



Red (83%)

Yellow (33%)

Blue (33%)

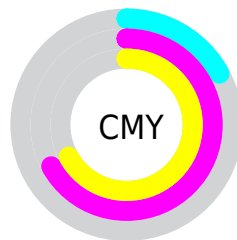


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (17%)



Cyan (17%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9730, -18.7207, 78.0767 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 121.9730, -18.7207, 78.0767 by changing the saturation by 10% instead.

■ 121.9730,
-18.7207, 78.0767

■ 121.9730,
-18.7207, 78.0767

■ 255.0000, 0.0000,
0.0000

■ 94.5320, -16.5313,
75.8324

■ 172.5270,
-18.9938, 72.3288

■ 64.5580, -12.6001,
74.9326

■ 191.9270,
-15.7400, 55.3150

■ 38.3450, -9.5371,
72.4884

■ 211.4410,
-12.0494, 38.2012

■ 27.5080, -13.5614,
56.5595

■ 231.6560, -8.2114,
20.4727

■ 19.2500, -8.9972,
39.2458

■ 251.8710, -4.3734,
2.7441

■ 9.9810, -4.4276,
20.1877

■ 0.0000, 0.0000,

0.0000

■ 121.9730,
-18.7207, 78.0767

■ 121.9730,
-18.7207, 78.0767

■ 107.2520,
-21.8162, 90.9870

■ 136.6940,
-15.6251, 65.1664

■ 92.5310, -24.9118,
103.8973

■ 151.4150,
-12.5296, 52.2560

■ 77.8100, -28.0073,
116.8076

■ 166.1360, -9.4340,
39.3457

■ 63.0890, -31.1029,
129.7179

■ 180.8570, -6.3385,
26.4354

■ 195.5780, -3.2430,
13.5251

■ 211.0000, 0.0000,
0.0000

■ 225.7210, 3.0955,
-12.9103

■ 240.4420, 6.1911,
-25.8206

■ 241.8440, 6.4859,
-27.0502

Harmonies

Analogous

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



123.6240, 4.1294, 75.7518



121.9730, -18.7207, 78.0767



122.0590, -39.4691, 59.5843

Triad

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



121.9730, -18.7207, 78.0767



101.8800, -15.2238, -63.9158



103.4930, 58.9170, -90.7634

Complementary

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



121.9730, -18.7207, 78.0767



173.0270, 18.7207, -78.0767

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.



108.1260, 48.7449, -94.8265



121.9730, -18.7207, 78.0767



100.5560, 9.5859, -88.1876

Square

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



121.9730, -18.7207, 78.0767



114.8320, -42.3152, -7.7457



106.2560, 31.4258, -93.1865



127.0690, 42.3640, -7.9535

Rectangle

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



121.9730, -18.7207, 78.0767



120.1910, -49.8872, 41.0515



106.2560, 31.4258, -93.1865



105.6130, 56.8858, -92.6226

Sweetspot

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



121.9730, -18.7207, 78.0767



222.7540, -6.7807, 28.2797



136.4510, 36.7527, 65.3795



107.6710, -4.2748, 17.8285



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.



121.9730, -18.7207, 78.0767



126.0160, -27.1229, 113.1190



159.5410, -37.2417, 45.1295



97.2890, -1.6215, 6.7625



50.2320, -24.7644, 103.2825



12.2590, -6.0437, 25.2059

Inverse Universe

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



173.0270, 18.7207, -78.0767



199.9840, 27.1229, -113.1190



136.0460, 36.9523, -45.6443



101.7110, 1.6215, -6.7625



117.7680, 24.7644, -103.2825



28.7410, 6.0437, -25.2059

Previews

White Background



This preview shows how the YUV color 121.9730, -18.7207, 78.0767 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 121.9730, -18.7207, 78.0767 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 121.9730, -18.7207, 78.0767

Background



This preview shows how black text looks on a background with the YUV color 121.9730, -18.7207, 78.0767.



This preview shows how white text looks on a background with the YUV color 121.9730, -18.7207, 78.0767.

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

121.9730, -18.7207, 78.0767

Protanopia

125.6560, -11.6624, 7.3177

Deuteranopia

125.6660, -23.4993, 23.9719



Tritanopia

121.9560, -16.2473, 78.0916

Trichromacy



Original Color

121.9730, -18.7207, 78.0767

Protanomaly

124.4250, -14.5065, 32.9533

Deuteranomaly

124.5420, -21.9592, 43.3747

Tritanomaly

121.7280, -17.1209, 78.2915

Monochromacy



Original Color

121.9730, -18.7207, 78.0767

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7540, -6.7807, 28.2797

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9730, -18.7207, 78.0767 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(211, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(211, 84, 84)  
}
```

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(211, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 84, 84) }
```

Border

The CSS property to change the border of an element to YUV 121.9730, -18.7207, 78.0767 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(211, 84, 84) }
```


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

```
.border{ border-color:rgb(211, 84, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 84, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(211, 84,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 121.9730, -18.7207, 78.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 84, 84) }
```

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

```
.background{ background-color: rgb(211, 84,  
84) }
```

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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