

Converting Colors

YUV(120.8490, -24.0826,
71.1694)

Have a look what the booklet for
YUV(120.8490, -24.0826, 71.1694)
contains.

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Color

**YUV(120.8490, -24.0826,
71.1694)**

Conversions

Conversions Part 1

Format	Color
Hex	CA5948
RGB	202, 89, 72
RGB Percent	79%, 35%, 28%
CMY	0.2078, 0.6510, 0.7176
CMYK	0.00, 0.56, 0.64, 0.21
HSL	8°, 55%, 54%
HSV	8°, 64%, 79%
XYZ	29.0992, 20.1692, 8.4902
YIQ	120.8490, 72.8050, 18.6690

Conversions

Conversions Part 2

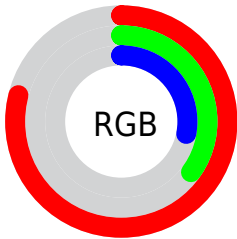
Format	Color
R_{YB}	202, 92, 72
Decimal	13261128
CIE Lab	52.03, 43.77, 31.85
CIE LCh	52, 54.126, 36.040
Yxy	20.1692, 0.5038, 0.3492
Android (android.graphics.Color)	4291451208 (0xFFCA5948)
YUV	120.8490, -24.0826, 71.1694
Hunter-Lab	44.9101, 37.0651, 20.2283

Details

The YUV color **120.8490, -24.0826, 71.1694** 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 **153.1510, 24.0826, -71.1694**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3930, -25.8297, 71.5693**, and **66.6680, -19.5563, 66.0662** is the 20% darker color. If you saturate the color by 10%, you get **108.0030, -27.6095, 82.4354**, and if you desaturate by 10%, it is **133.6950, -20.5556, 59.9035**.

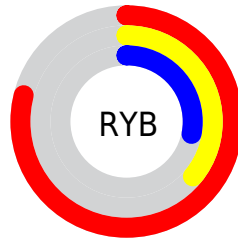
Distribution



Red (79%)

Green (35%)

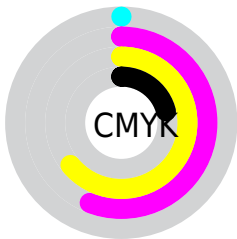
Blue (28%)



Red (79%)

Yellow (36%)

Blue (28%)

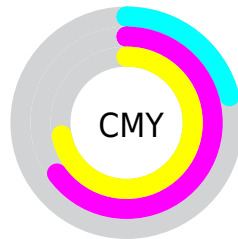


Cyan (0%)

Magenta (56%)

Yellow (64%)

Black (21%)



Cyan (21%)

Magenta (65%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8490, -24.0826, 71.1694 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 120.8490, -24.0826, 71.1694 by changing the saturation by 10% instead.

■ 120.8490,
-24.0826, 71.1694

■ 120.8490,
-24.0826, 71.1694

■ 255.0000, 0.0000,
0.0000

■ 93.9950, -22.1825,
68.4104

■ 173.3930,
-25.8297, 71.5693

■ 66.6680, -19.5563,
66.0662

■ 192.7930,
-22.5759, 54.5555

■ 34.8300, -15.1992,
68.5551

■ 212.3070,
-18.8854, 37.4418

■ 25.1160, -12.3822,
51.6413

■ 231.8210,
-15.1948, 20.3280

■ 17.1570, -7.9654,
34.9423

■ 252.0360,
-11.3567, 2.5994

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,

0.0000

■ 120.8490,
-24.0826, 71.1694

■ 120.8490,
-24.0826, 71.1694

■ 108.0030,
-27.6095, 82.4354

■ 133.6950,
-20.5556, 59.9035

■ 95.7440, -31.4258,
93.1865

■ 145.9540,
-16.7393, 49.1523

■ 82.7840, -35.3895,
104.5524

■ 158.9140,
-12.7756, 37.7864

■ 75.6600, -37.3004,
110.8002

■ 171.1730, -8.9593,
27.0353

■ 184.0190, -5.4324,
15.7693

■ 196.2780, -1.6161,
5.0182

■ 209.1240, 1.9109,
-6.2477

■ 221.4970, 6.1640,
-17.0989

■ 234.3430, 9.6909,
-28.3648

Harmonies

Analogous

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



121.6040, -2.2698, 74.8923



120.8490, -24.0826, 71.1694



120.3090, -42.0573, 49.7180

Triad

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



120.8490, -24.0826, 71.1694



93.5170, -4.6919, -82.0144



105.2780, 55.0789, -73.0348

Complementary

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



120.8490, -24.0826, 71.1694



153.1510, 24.0826, -71.1694

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.



105.4190, 51.0654, -92.4525



120.8490, -24.0826, 71.1694



100.7500, 15.4062, -88.3577

Square

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



120.8490, -24.0826, 71.1694



112.1170, -34.5677, -19.3966



105.4070, 35.7883, -92.4419



127.4580, 35.7632, 9.2453

Rectangle

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



120.8490, -24.0826, 71.1694



118.3530, -48.9810, 30.3854



105.4070, 35.7883, -92.4419



101.6350, 56.8749, -89.1339

Sweetspot

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



120.8490, -24.0826, 71.1694



224.8740, -8.8119, 26.4205



123.9800, 31.0689, 68.4235



109.3180, -5.5798, 16.3841



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.



120.8490, -24.0826, 71.1694



132.2790, -36.1265, 107.6263



157.8300, -42.3142, 38.7371



95.5770, -1.7635, 5.6330



62.5480, -30.8362, 90.7274



14.2970, -7.0484, 20.7875

Inverse Universe

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



153.1510, 24.0826, -71.1694



181.1340, 36.4159, -107.1115



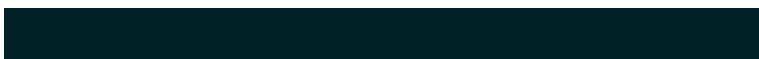
116.1700, 42.3142, -38.7371



98.4230, 1.7635, -5.6330



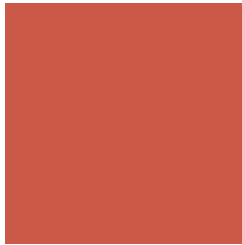
103.4520, 30.8362, -90.7274



23.7030, 7.0484, -20.7875

Previews

White Background



This preview shows how the YUV color 120.8490, -24.0826, 71.1694 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 120.8490, -24.0826, 71.1694 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 120.8490, -24.0826, 71.1694 Background



This preview shows how black text looks on a background with the YUV color 120.8490, -24.0826, 71.1694.



This preview shows how white text looks on a background with the YUV color 120.8490, -24.0826, 71.1694.

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

120.8490, -24.0826, 71.1694

Protanopia

123.5440, -18.5092, 10.0469

Deuteranopia

123.1240, -28.1621, 26.2013



Tritanopia

121.6670, -14.6258, 71.3290

Trichromacy



Original Color

120.8490, -24.0826, 71.1694

Protanomaly

122.5190, -20.4689, 31.9938

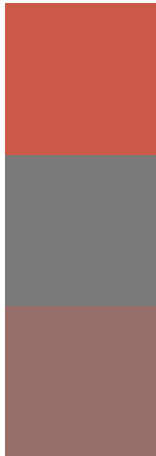
Deuteranomaly

122.2770, -26.7586, 42.7301

Tritanomaly

121.4560, -17.9728, 71.5141

Monochromacy



Original Color

120.8490, -24.0826, 71.1694

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.5750, -8.6645, 25.8057

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8490, -24.0826, 71.1694 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, 89, 72)` looks like.

```
.text, #text, p{  
    color:rgb(202, 89, 72)  
}
```

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, 89, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 89, 72) }
```

Border

The CSS property to change the border of an element to YUV 120.8490, -24.0826, 71.1694 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, 89, 72) }
```


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

```
.border{ border-color:rgb(202, 89, 72) }
```

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

Here you see how a box with a 4 pixel rgb(202, 89, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 89, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 89, 72);  
box-shadow:4px 4px 4px 4px rgb(202, 89,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 120.8490, -24.0826, 71.1694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 89, 72) }
```

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

```
.background{ background-color: rgb(202, 89,  
72) }
```

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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