

Converting Colors

YUV(116.8730, -10.2904,
80.7954)

Have a look what the booklet for
YUV(116.8730, -10.2904, 80.7954)
contains.

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Color

**YUV(116.8730, -10.2904,
80.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	D14A60
RGB	209, 74, 96
RGB Percent	82%, 29%, 38%
CMY	0.1804, 0.7098, 0.6235
CMYK	0.00, 0.65, 0.54, 0.18
HSL	350°, 59%, 55%
HSV	350°, 65%, 82%
XYZ	30.8546, 19.2974, 13.1649
YIQ	116.8730, 73.3980, 35.4620

Conversions

Conversions Part 2

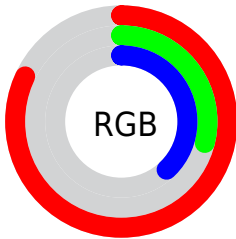
Format	Color
R_{YB}	209, 74, 96
Decimal	13716064
CIE Lab	51.03, 54.70, 16.68
CIE LCh	51, 57.184, 16.957
Yxy	19.2974, 0.4873, 0.3048
Android (android.graphics.Color)	4291906144 (0xFFD14A60)
YUV	116.8730, -10.2904, 80.7954
Hunter-Lab	43.9288, 48.4990, 12.9817

Details

The YUV color **116.8730, -10.2904, 80.7954** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **166.1270, 10.2904, -80.7954**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6120, -11.1477, 75.7623**, and **52.0120, -0.9919, 85.0585** is the 20% darker color. If you saturate the color by 10%, you get **102.6080, -11.6387, 93.3058**, and if you desaturate by 10%, it is **131.1380, -8.9420, 68.2850**.

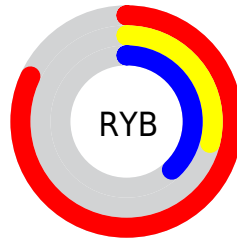
Distribution



Red (82%)

Green (29%)

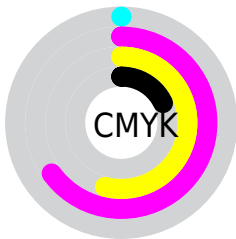
Blue (38%)



Red (82%)

Yellow (29%)

Blue (38%)

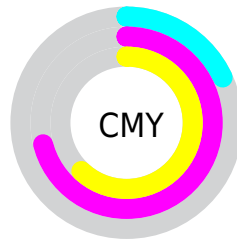


Cyan (0%)

Magenta (65%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (71%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.8730, -10.2904, 80.7954 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 116.8730, -10.2904, 80.7954 by changing the saturation by 10% instead.


 116.8730,
-10.2904, 80.7954


 116.8730,
-10.2904, 80.7954


255.0000, 0.0000,
0.0000


 88.1440, -7.9590,
79.6807


 168.6120,
-11.1477, 75.7623

 52.0120, -0.9919,
85.0585


 188.1260, -7.4571,
58.6485


 39.0010, -4.4375,
70.1591


 207.6400, -3.7665,
41.5347

 27.3660, -11.5194,
54.9300

 227.8550, 0.0715,
23.8062

 19.0650, -8.4130,
38.5310

 248.5430, 3.1833,
5.6628

 9.0840, -3.9854,
18.3433

 0.0000, 0.0000,

0.0000

■ 116.8730,
-10.2904, 80.7954

■ 116.8730,
-10.2904, 80.7954

■ 102.6080,
-11.6387, 93.3058

■ 131.1380, -8.9420,
68.2850

■ 88.2290, -13.4239,
105.9162

■ 145.5170, -7.1569,
55.6746

■ 73.9640, -14.7723,
118.4266

■ 159.7820, -5.8085,
43.1642

■ 66.3670, -15.9569,
125.0891

■ 174.1610, -4.0234,
30.5538

■ 188.4260, -2.6750,
18.0434

■ 202.2180, -0.6005,
5.9478

■ 216.4830, 0.7479,
-6.5626

■ 230.8620, 2.5330,
-19.1730

■ 241.0180, 5.9071,
-28.0798

Harmonies

Analogous

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



120.6430, 12.0080, 68.7191



116.8730, -10.2904, 80.7954



117.5360, -32.8022, 67.9359

Triad

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



116.8730, -10.2904, 80.7954



104.6460, -26.9405, -39.1545



102.8090, 56.2962, -90.1635

Complementary

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



116.8730, -10.2904, 80.7954



166.1270, 10.2904, -80.7954

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.



105.2420, 42.7717, -92.2972



116.8730, -10.2904, 80.7954



95.1130, 1.4233, -83.4141

Square

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



116.8730, -10.2904, 80.7954



111.2870, -52.3995, 6.7643



101.5140, 23.4106, -89.0278



116.5000, 48.5605, -35.5185

Rectangle

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



116.8730, -10.2904, 80.7954



116.6960, -45.6991, 51.1326



101.5140, 23.4106, -89.0278



104.4730, 52.5178, -91.6228

Sweetspot

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



116.8730, -10.2904, 80.7954



222.1500, -4.0179, 28.8095



123.1770, 42.3107, 55.9728



107.5400, -2.2382, 17.9434



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.



116.8730, -10.2904, 80.7954



119.2630, -14.9197, 119.0413



140.7800, -32.9225, 59.8289



97.5170, -0.7479, 6.5626



53.3100, -12.9708, 100.5831



13.0570, -2.9861, 24.5060

Inverse Universe

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



116.8730, -10.2904, 80.7954



119.2630, -14.9197, 119.0413



142.2200, 32.9225, -59.8289



97.5170, -0.7479, 6.5626



53.3100, -12.9708, 100.5831



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 116.8730, -10.2904, 80.7954 looks on a white background.

Color Contrast Check

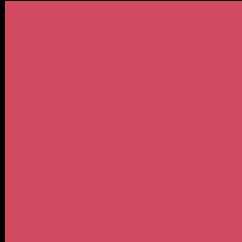
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8730, -10.2904, 80.7954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

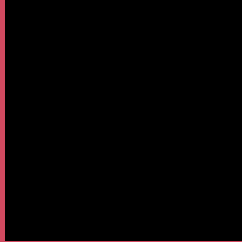
Any Text WCAG AA ✓ Pass

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 116.8730, -10.2904, 80.7954 Background



This preview shows how black text looks on a background with the YUV color 116.8730, -10.2904, 80.7954.



This preview shows how white text looks on a background with the YUV color 116.8730, -10.2904, 80.7954.

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

116.8730, -10.2904, 80.7954

Protanopia

122.5550, -1.7526, 2.1443

Deuteranopia

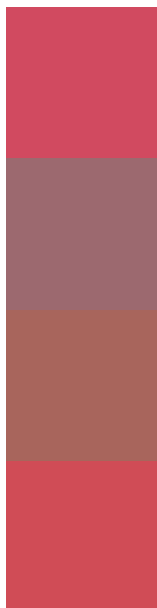
121.9950, -15.7735, 19.2984



Tritanopia

116.6250, -17.5631, 80.1359

Trichromacy



Original Color

116.8730, -10.2904, 80.7954

Protanomaly

120.9330, -4.8970, 30.7538

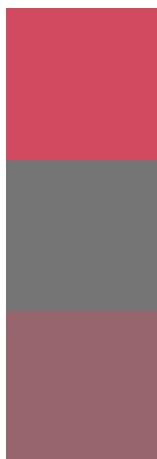
Deuteranomaly

120.0070, -13.8075, 42.0899

Tritanomaly

116.6080, -15.0897, 80.1508

Monochromacy



Original Color

116.8730, -10.2904, 80.7954

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.5630, -3.7286, 29.3242

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8730, -10.2904, 80.7954 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(209, 74, 96)` looks like.

```
.text, #text, p{  
    color:rgb(209, 74, 96)  
}
```

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(209, 74, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 74, 96) }
```

Border

The CSS property to change the border of an element to YUV 116.8730, -10.2904, 80.7954 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(209, 74, 96) }
```


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

```
.border{ border-color:rgb(209, 74, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 74, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 74, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 74, 96);  
box-shadow:4px 4px 4px 4px rgb(209, 74,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 116.8730, -10.2904, 80.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 74, 96) }
```

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

```
.background{ background-color: rgb(209, 74,  
96) }
```

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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