

Converting Colors

YUV(97.7480, -24.0328,
101.9530)

Have a look what the booklet for
YUV(97.7480, -24.0328, 101.9530)
contains.

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Color

**YUV(97.7480, -24.0328,
101.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	D63031
RGB	214, 48, 49
RGB Percent	84%, 19%, 19%
CMY	0.1608, 0.8118, 0.8078
CMYK	0.00, 0.78, 0.77, 0.16
HSL	360°, 67%, 51%
HSV	360°, 78%, 84%
XYZ	29.3429, 16.6318, 4.5694
YIQ	97.7480, 98.6150, 35.5030

Conversions

Conversions Part 2

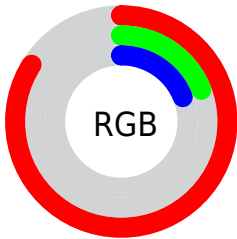
Format	Color
RYB	214, 48, 49
Decimal	14037041
CIELab	47.79, 62.96, 40.49
CIELCh	48, 74.853, 32.742
Yxy	16.6318, 0.5805, 0.3291
Android (android.graphics.Color)	4292227121 (0xFFD63031)
YUV	97.7480, -24.0328, 101.9530
Hunter-Lab	40.7821, 57.0628, 21.9043

Details

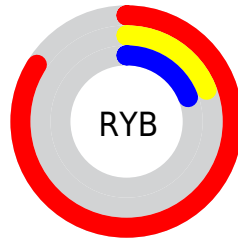
The YUV color **97.7480, -24.0328, 101.9530** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **164.2520, 24.0328, -101.9530**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5850, -26.9104, 91.5720**, and **45.6050, -20.5113, 92.4314** is the 20% darker color. If you saturate the color by 10%, you get **83.0270, -27.1283, 114.8633**, and if you desaturate by 10%, it is **112.4690, -20.9372, 89.0427**.

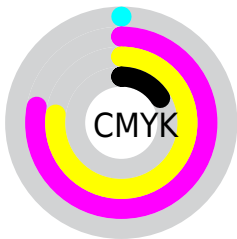
Distribution



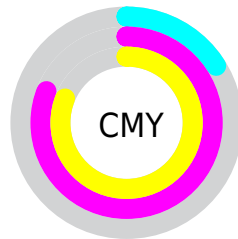
- Red (84%)
- Green (19%)
- Blue (19%)



- Red (84%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (78%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7480, -24.0328, 101.9530 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 97.7480, -24.0328, 101.9530 by changing the saturation by 10% instead.

■ 97.7480, -24.0328,
101.9530

■ 97.7480, -24.0328,
101.9530

255.0000, 0.0000,
0.0000

■ 57.4960, -15.0345,
109.1900

■ 150.5850,
-26.9104, 91.5720

■ 45.6050, -20.5113,
92.4314

■ 170.4580,
-24.3828, 74.1433

■ 35.5810, -17.5414,
73.1585

■ 190.4450,
-21.4184, 56.6147

■ 26.4260, -12.5350,
54.0004

■ 210.5460,
-18.0172, 38.9862

■ 18.2820, -7.5340,
36.5867

■ 230.6470,
-14.6160, 21.3576

■ 6.5780, -3.2430,
13.5251

■ 251.5630,

■ 0.0000, 0.0000,

-10.6306, 3.0142

0.0000

■ 97.7480, -24.0328,
101.9530

■ 97.7480, -24.0328,
101.9530

■ 83.0270, -27.1283,
114.8633

■ 112.4690,
-20.9372, 89.0427

■ 67.6050, -30.3713,
128.3884

■ 127.8910,
-17.6943, 75.5176

■ 64.1000, -31.1083,
131.4623

■ 142.6120,
-14.5987, 62.6073

■ 157.9200,
-11.7926, 49.1822

■ 172.6410, -8.6970,
36.2718

■ 187.4760, -5.1647,
23.2615

■ 202.7840, -2.3585,
9.8364

■ 217.5050, 0.7370,
-3.0739

■ 232.8130, 3.5432,
-16.4990

Harmonies

Analogous

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



85.4780, 12.5823, 117.9758



97.7480, -24.0328, 101.9530



105.4870, -52.0051, 67.1019

Triad

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



97.7480, -24.0328, 101.9530



85.5320, -17.5173, -75.0116



97.9140, 70.5414, -85.8706

Complementary

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



97.7480, -24.0328, 101.9530



164.2520, 24.0328, -101.9530

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.



104.4220, 59.9380, -91.5781



97.7480, -24.0328, 101.9530



95.6320, 11.0274, -83.8693

Square

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



97.7480, -24.0328, 101.9530



94.8700, -46.7709, -25.3190



102.8140, 38.5457, -90.1679



113.8710, 52.8146, 0.1131

Rectangle

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



97.7480, -24.0328, 101.9530



107.3710, -52.9339, 38.2626



102.8140, 38.5457, -90.1679



101.3220, 68.3683, -88.8594

Sweetspot

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



97.7480, -24.0328, 101.9530



213.7550, -8.2602, 36.1719



115.6610, 48.4811, 83.6123



102.7640, -5.3067, 22.1320



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.



97.7480, -24.0328, 101.9530



88.9770, -34.4987, 145.6022



144.5940, -47.6208, 60.8691



99.2890, -1.6215, 6.7625



51.2430, -24.7698, 105.0269



12.8570, -6.3385, 26.4354

Inverse Universe

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



97.7480, -24.0328, 101.9530



88.9770, -34.4987, 145.6022



117.4060, 47.6208, -60.8691



99.2890, -1.6215, 6.7625



51.2430, -24.7698, 105.0269



12.8570, -6.3385, 26.4354

Previews

White Background



This preview shows how the YUV color 97.7480, -24.0328, 101.9530 looks on a white background.

Color Contrast Check

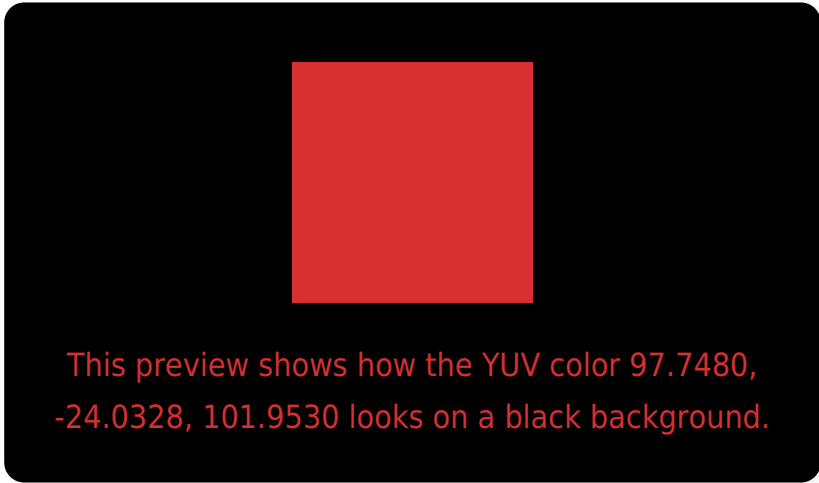
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

YUV 97.7480, -24.0328, 101.9530

Background



This preview shows how black text looks on a background with the YUV color 97.7480, -24.0328, 101.9530.



This preview shows how white text looks on a background with the YUV color 97.7480, -24.0328,

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

97.7480, -24.0328, 101.9530

Protanopia

112.1590, -21.2774, 11.2616

Deuteranopia

110.3710, -36.1719, 28.6156



Tritanopia

97.7480, -24.0328, 101.9530

Trichromacy



Original Color

97.7480, -24.0328, 101.9530

Protanomaly

106.8410, -22.1066, 43.9894

Deuteranomaly

105.6870, -31.8907, 55.5255

Tritanomaly

97.7480, -24.0328, 101.9530

Monochromacy



Original Color

97.7480, -24.0328, 101.9530

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9400, -8.8444, 36.8866

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7480, -24.0328, 101.9530 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(214, 48, 49)` looks like.

```
.text, #text, p{  
    color:rgb(214, 48, 49)  
}
```

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(214, 48, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 48, 49) }
```

Border

The CSS property to change the border of an element to YUV 97.7480, -24.0328, 101.9530 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(214, 48, 49) }
```


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

```
.border{ border-color:rgb(214, 48, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 48, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 48, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 48, 49);  
box-shadow:4px 4px 4px 4px rgb(214, 48,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 97.7480, -24.0328, 101.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 48, 49) }
```

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

```
.background{ background-color: rgb(214, 48,  
49) }
```

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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