

Converting Colors

YUV(78.8630, -21.6245,
122.9001)

Have a look what the booklet for
YUV(78.8630, -21.6245, 122.9001)
contains.

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Color

**YUV(78.8630, -21.6245,
122.9001)**

Conversions

Conversions Part 1

Format	Color
Hex	DB1023
RGB	219, 16, 35
RGB Percent	86%, 6%, 14%
CMY	0.1412, 0.9373, 0.8627
CMYK	0.00, 0.93, 0.84, 0.14
HSL	354°, 86%, 46%
HSV	354°, 93%, 86%
XYZ	29.7021, 15.5520, 3.0265
YIQ	78.8630, 114.8890, 48.9450

Conversions

Conversions Part 2

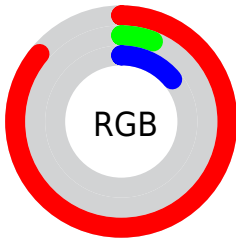
Format	Color
R _Y B	219, 16, 35
Decimal	14356515
CIE Lab	46.38, 70.42, 46.97
CIE LCh	46, 84.645, 33.704
Yxy	15.5520, 0.6152, 0.3221
Android (android.graphics.Color)	4292546595 (0xFFDB1023)
YUV	78.8630, -21.6245, 122.9001
Hunter-Lab	39.4360, 65.4280, 23.0551

Details

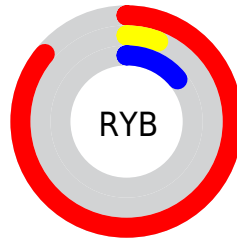
The YUV color **78.8630, -21.6245, 122.9001** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **156.1370, 21.6245, -122.9001**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0700, -29.1215, 100.7936**, and **46.0460, -22.7007, 94.6757** is the 20% darker color. If you saturate the color by 10%, you get **67.7610, -23.5462, 132.6366**, and if you desaturate by 10%, it is **94.0570, -19.2551, 109.5750**.

Distribution



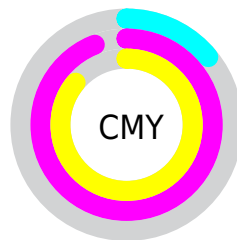
- Red (86%)
- Green (6%)
- Blue (14%)



- Red (86%)
- Yellow (6%)
- Blue (14%)



- Cyan (0%)
- Magenta (93%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (94%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8630, -21.6245, 122.9001 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 78.8630, -21.6245, 122.9001 by changing the saturation by 10% instead.

■ 78.8630, -21.6245,
122.9001

■ 78.8630, -21.6245,
122.9001

255.0000, 0.0000,
0.0000

■ 57.0960, -21.7393,
113.0488

■ 140.0700,
-29.1215, 100.7936

■ 46.0460, -22.7007,
94.6757

■ 160.5300,
-26.8833, 82.8502

■ 36.4780, -17.9837,
75.0028

■ 180.5170,
-23.9189, 65.3216

■ 27.4370, -12.5404,
55.7448

■ 201.0910,
-21.2439, 47.2782

■ 18.5810, -7.6814,
37.2015

■ 221.1920,
-17.8427, 29.6496

■ 7.2900, -3.1010,
14.6547

■ 241.9940,

■ 0.0000, 0.0000,

-14.2940, 11.4063

0.0000

253.5180, -5.6784,
1.2997

78.8630, -21.6245,
122.9001

78.8630, -21.6245,
122.9001

67.7610, -23.5462,
132.6366

94.0570, -19.2551,
109.5750

109.2510,
-16.8857, 96.2499

124.4450,
-14.5164, 82.9247

139.5250,
-12.5838, 69.6996

154.7190,
-10.2145, 56.3744

■ 169.3260, -7.5557,
43.5641

■ 184.5200, -5.1864,
30.2390

■ 199.7140, -2.8170,
16.9138

■ 214.9080, -0.4476,
3.5887

Harmonies

Analogous

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



80.1420, 12.2550, 129.6715



78.8630, -21.6245, 122.9001



101.3780, -49.9794, 70.7055

Triad

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



78.8630, -21.6245, 122.9001



83.8050, -21.5959, -73.4970



98.3360, 77.2354, -86.2407

Complementary

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



78.8630, -21.6245, 122.9001



156.1370, 21.6245, -122.9001

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.



105.3170, 65.9057, -92.3630



78.8630, -21.6245, 122.9001



94.3440, 11.1694, -82.7397

Square

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



78.8630, -21.6245, 122.9001



88.3030, -43.5334, -37.0997



102.4380, 42.1821, -89.8381



109.0050, 59.6505, 0.8726

Rectangle

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



78.8630, -21.6245, 122.9001



103.8270, -51.1867, 37.8627



102.4380, 42.1821, -89.8381



101.7440, 75.0622, -89.2295

Sweetspot

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



78.8630, -21.6245, 122.9001



205.9130, -7.8451, 43.0493



93.8590, 61.6945, 92.2087



97.6120, -4.7387, 26.6503



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.



78.8630, -21.6245, 122.9001



78.9810, -27.1056, 154.3687



124.2440, -53.3643, 83.1010



102.4030, -1.1847, 6.6626



53.5510, -18.5126, 104.7568



14.2100, -5.0335, 27.8798

Inverse Universe

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



78.8630, -21.6245, 122.9001



78.9810, -27.1056, 154.3687



110.7560, 53.3643, -83.1010



102.4030, -1.1847, 6.6626



53.5510, -18.5126, 104.7568



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 78.8630, -21.6245, 122.9001 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 78.8630, -21.6245, 122.9001

Background



This preview shows how black text looks on a background with the YUV color 78.8630, -21.6245, 122.9001.



This preview shows how white text looks on a background with the YUV color 78.8630, -21.6245,

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

78.8630, -21.6245, 122.9001

Protanopia

108.3180, -25.7928, 12.8761

Deuteranopia

104.4780, -48.5497, 32.0298



Tritanopia

78.9480, -33.9914, 122.8256

Trichromacy



Original Color

78.8630, -21.6245, 122.9001

Protanomaly

97.3260, -24.3177, 53.2111

Deuteranomaly

95.3200, -38.6118, 64.6174

Tritanomaly

78.8000, -29.4814, 122.9554

Monochromacy



Original Color

78.8630, -21.6245, 122.9001

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9240, -7.8505, 44.7937

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8630, -21.6245, 122.9001 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(219, 16, 35)` looks like.

```
.text, #text, p{  
    color:rgb(219, 16, 35)  
}
```

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(219, 16, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 16, 35) }
```

Border

The CSS property to change the border of an element to YUV 78.8630, -21.6245, 122.9001 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(219, 16, 35) }
```


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

```
.border{ border-color:rgb(219, 16, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 16, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 16, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 16, 35);  
box-shadow:4px 4px 4px 4px rgb(219, 16,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 78.8630, -21.6245, 122.9001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 16, 35) }
```

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

```
.background{ background-color: rgb(219, 16,  
35) }
```

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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