

Converting Colors

YUV(89.6120, -24.4587,
98.5643)

Have a look what the booklet for
YUV(89.6120, -24.4587, 98.5643)
contains.

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Color

**YUV(89.6120, -24.4587,
98.5643)**

Conversions

Conversions Part 1

Format	Color
Hex	CA2A28
RGB	202, 42, 40
RGB Percent	79%, 16%, 16%
CMY	0.2078, 0.8353, 0.8431
CMYK	0.00, 0.79, 0.80, 0.21
HSL	1°, 67%, 47%
HSV	1°, 80%, 79%
XYZ	25.5681, 14.3657, 3.4327
YIQ	89.6120, 96.0020, 33.2980

Conversions

Conversions Part 2

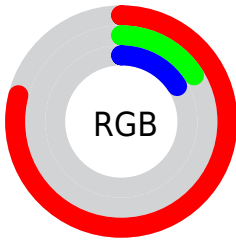
Format	Color
R_{YB}	202, 42, 40
Decimal	13249064
CIE _{Lab}	44.75, 60.90, 41.56
CIE _{LCh}	45, 73.734, 34.313
Yxy	14.3657, 0.5896, 0.3313
Android (android.graphics.Color)	4291439144 (0xFFCA2A28)
YUV	89.6120, -24.4587, 98.5643
Hunter-Lab	37.9021, 54.0843, 21.1616

Details

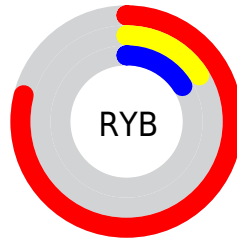
The YUV color **89.6120, -24.4587, 98.5643** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **152.3880, 24.4587, -98.5643**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9230, -29.5420, 95.6605**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **75.5920, -27.4069, 110.8598**, and if you desaturate by 10%, it is **103.6320, -21.5106, 86.2687**.

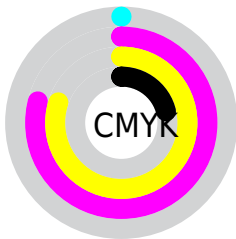
Distribution



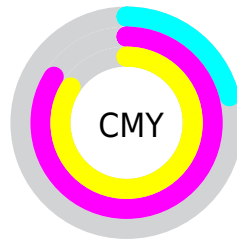
- Red (79%)
- Green (16%)
- Blue (16%)



- Red (79%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (79%)
- Yellow (80%)
- Black (21%)



- Cyan (21%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6120, -24.4587, 98.5643 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 89.6120, -24.4587, 98.5643 by changing the saturation by 10% instead.

■ 89.6120, -24.4587,
98.5643

■ 89.6120, -24.4587,
98.5643

255.0000, 0.0000,
0.0000

■ 52.8820, -17.1968,
102.7125

■ 145.9230,
-29.5420, 95.6605

■ 41.5610, -20.4896,
85.4540

■ 165.7960,
-27.0144, 78.2319

■ 32.2920, -15.9200,
66.3959

■ 185.1960,
-23.7606, 61.2181

■ 23.4360, -11.0609,
47.8526

■ 205.1830,
-20.7962, 43.6895

■ 14.8790, -6.3493,
29.9241

■ 225.3980,
-16.9582, 25.9610

■ 0.0000, 0.0000,
0.0000

■ 246.2000,

-13.4096, 7.7176

254.0880, -3.4944,
0.7998

89.6120, -24.4587,
98.5643

89.6120, -24.4587,
98.5643

75.5920, -27.4069,
110.8598

103.6320,
-21.5106, 86.2687

61.5720, -30.3550,
123.1554

117.6520,
-18.5624, 73.9732

131.7860,
-15.1775, 61.5777

145.8060,
-12.2294, 49.2821

159.8260, -9.2812,
36.9866

■ 173.8460, -6.3331,
24.6911

■ 187.8660, -3.3849,
12.3955

■ 202.0000, 0.0000,
0.0000

■ 216.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



74.1900, 12.7243, 119.1054



89.6120, -24.4587, 98.5643



98.3770, -48.4999, 62.8134

Triad

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



89.6120, -24.4587, 98.5643



80.6080, -16.0757, -70.6932



91.9640, 68.0517, -80.6524

Complementary

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



89.6120, -24.4587, 98.5643



152.3880, 24.4587, -98.5643

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.



98.8140, 58.7587, -86.6599



89.6120, -24.4587, 98.5643



89.7790, 11.4480, -78.7362

Square

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



89.6120, -24.4587, 98.5643



87.1730, -42.9763, -29.0927



96.7330, 38.0926, -84.8348



106.3230, 50.6198, 4.1017

Rectangle

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



89.6120, -24.4587, 98.5643



99.6740, -49.1393, 34.4889



96.7330, 38.0926, -84.8348



95.4860, 66.3154, -83.7412

Sweetspot

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



89.6120, -24.4587, 98.5643



212.8260, -9.2812, 36.9866



106.9060, 46.8813, 83.3974



102.0630, -5.4541, 22.7467



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.



89.6120, -24.4587, 98.5643



85.0160, -36.9829, 149.0760



135.9850, -47.3206, 57.8952



94.9900, -1.4741, 6.1478



50.8080, -25.0483, 101.0234



11.3620, -5.6015, 23.3615

Inverse Universe

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



152.3880, 24.4587, -98.5643



179.9840, 36.9829, -149.0760



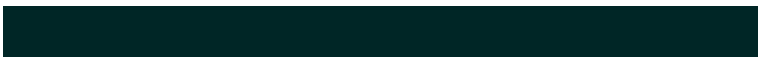
106.0150, 47.3206, -57.8952



99.0100, 1.4741, -6.1478



115.1920, 25.0483, -101.0234



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 89.6120, -24.4587, 98.5643 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



This preview shows how the YUV color 89.6120, -24.4587, 98.5643 looks on a 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 89.6120, -24.4587, 98.5643

Background



This preview shows how black text looks on a background with the YUV color 89.6120, -24.4587, 98.5643.



This preview shows how white text looks on a background with the YUV color 89.6120, -24.4587,

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

89.6120, -24.4587, 98.5643

Protanopia

104.7030, -23.0246, 11.6615

Deuteranopia

102.3170, -37.6243, 27.7860



Tritanopia

89.8400, -23.5851, 98.3643

Trichromacy



Original Color

89.6120, -24.4587, 98.5643

Protanomaly

99.0860, -23.7064, 43.7746

Deuteranomaly

98.0350, -33.0483, 53.4663

Tritanomaly

89.7260, -24.0219, 98.4643

Monochromacy



Original Color

89.6120, -24.4587, 98.5643

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2280, -8.9864, 35.7570

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6120, -24.4587, 98.5643 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, 42, 40)` looks like.

```
.text, #text, p{  
    color:rgb(202, 42, 40)  
}
```

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, 42, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 42, 40) }
```

Border

The CSS property to change the border of an element to YUV 89.6120, -24.4587, 98.5643 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, 42, 40) }
```


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

```
.border{ border-color:rgb(202, 42, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 42, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 42, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 42, 40);  
box-shadow:4px 4px 4px 4px rgb(202, 42,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 89.6120, -24.4587, 98.5643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 42, 40) }
```

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

```
.background{ background-color: rgb(202, 42,  
40) }
```

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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