

Converting Colors

YUV(116.5570, -24.4316,
89.8425)

Have a look what the booklet for
YUV(116.5570, -24.4316, 89.8425)
contains.

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Color

**YUV(116.5570, -24.4316,
89.8425)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4A43
RGB	219, 74, 67
RGB Percent	86%, 29%, 26%
CMY	0.1412, 0.7098, 0.7373
CMYK	0.00, 0.66, 0.69, 0.14
HSL	3°, 68%, 56%
HSV	3°, 69%, 86%
XYZ	32.6753, 20.3629, 7.5184
YIQ	116.5570, 88.6670, 28.5630

Conversions

Conversions Part 2

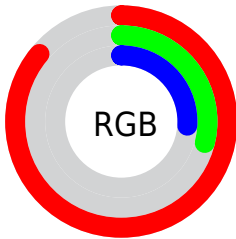
Format	Color
R_{YB}	219, 74, 67
Decimal	14371395
CIE Lab	52.25, 56.11, 35.61
CIE LCh	52, 66.454, 32.405
Yxy	20.3629, 0.5396, 0.3363
Android (android.graphics.Color)	4292561475 (0xFFDB4A43)
YUV	116.5570, -24.4316, 89.8425
Hunter-Lab	45.1252, 50.2832, 21.7092

Details

The YUV color **116.5570, -24.4316, 89.8425** 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 **169.4430, 24.4316, -89.8425**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7790, -24.5410, 78.2468**, and **49.5650, -13.0965, 94.2205** is the 20% darker color. If you saturate the color by 10%, you get **101.7220, -27.9639, 102.8528**, and if you desaturate by 10%, it is **131.3920, -20.8993, 76.8322**.

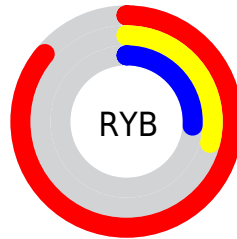
Distribution



Red (86%)

Green (29%)

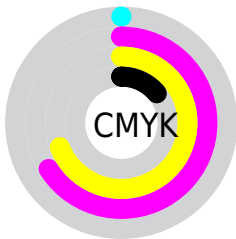
Blue (26%)



Red (86%)

Yellow (29%)

Blue (26%)

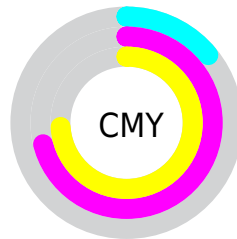


Cyan (0%)

Magenta (66%)

Yellow (69%)

Black (14%)



Cyan (14%)


Magenta (71%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.5570, -24.4316, 89.8425 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 116.5570, -24.4316, 89.8425 by changing the saturation by 10% instead.


 116.5570,
-24.4316, 89.8425


 116.5570,
-24.4316, 89.8425


255.0000, 0.0000,
0.0000


 87.0560, -21.2266,
88.5279


 165.7790,
-24.5410, 78.2468


 49.5650, -13.0965,
94.2205


 185.0650,
-21.7240, 61.3330

 37.6740, -18.5733,
77.4619


 204.5790,
-18.0334, 44.2192

 28.7040, -14.1511,
59.0186

 224.6800,
-14.6322, 26.5906

 20.2610, -9.0027,
40.9901

 244.8950,
-10.7942, 8.8621

 10.8780, -4.8699,
22.0320

254.6580, -1.3104,

 0.0000, 0.0000,

0.2999

0.0000

■ 116.5570,
-24.4316, 89.8425

■ 116.5570,
-24.4316, 89.8425

■ 101.7220,
-27.9639, 102.8528

■ 131.3920,
-20.8993, 76.8322

■ 86.8870, -31.4963,
115.8631

■ 146.2270,
-17.3669, 63.8219

■ 72.0520, -35.0286,
128.8734

■ 161.0620,
-13.8346, 50.8116

■ 71.3510, -35.1760,
129.4882

■ 175.8970,
-10.3022, 37.8013

■ 190.1450, -6.4805,
25.3058

■ 204.8660, -3.3849,
12.3955

■ 219.7010, 0.1474,
-0.6148

■ 234.5360, 3.6798,
-13.6251

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



115.9190, 3.4909, 93.9100



116.5570, -24.4316, 89.8425



117.1940, -54.3256, 64.7279

Triad

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



116.5570, -24.4316, 89.8425



94.0410, -12.8382, -82.4740



103.5560, 66.7739, -90.8186

Complementary

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



116.5570, -24.4316, 89.8425



169.4430, 24.4316, -89.8425

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.



110.2920, 57.0440, -96.7261



116.5570, -24.4316, 89.8425



102.6420, 12.5015, -90.0170

Square

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



116.5570, -24.4316, 89.8425



107.3180, -52.9078, -16.9419



109.0260, 36.9622, -95.6158



126.3890, 47.1362, 1.4128

Rectangle

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



116.5570, -24.4316, 89.8425



117.1170, -57.7387, 39.3624



109.0260, 36.9622, -95.6158



106.9640, 64.6007, -93.8074

Sweetspot

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



116.5570, -24.4316, 89.8425



218.9070, -8.8282, 31.6536



129.2060, 41.8034, 78.7493



106.1550, -5.0064, 19.1581



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.



116.5570, -24.4316, 89.8425



112.2580, -34.1442, 125.1847



159.9950, -45.8465, 51.7474



102.2890, -1.6215, 6.7625



56.4230, -27.8165, 102.2380



14.9280, -7.3595, 27.2501

Inverse Universe

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



169.4430, 24.4316, -89.8425



185.7420, 34.1442, -125.1847



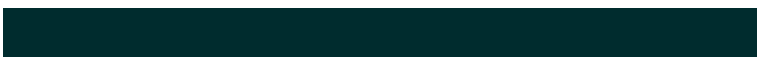
126.0050, 45.8465, -51.7474



106.1240, 1.9109, -6.2477



116.5770, 27.8165, -102.2380



31.0720, 7.3595, -27.2501

Previews

White Background



This preview shows how the YUV color 116.5570, -24.4316, 89.8425 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 116.5570, -24.4316, 89.8425 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 116.5570, -24.4316, 89.8425

Background



This preview shows how black text looks on a background with the YUV color 116.5570, -24.4316, 89.8425.



This preview shows how white text looks on a background with the YUV color 116.5570, -24.4316,

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

116.5570, -24.4316, 89.8425

Protanopia

123.4300, -18.9460, 10.1469

Deuteranopia

122.9240, -31.5145, 28.1307



Tritanopia

117.1100, -19.7742, 89.3575

Trichromacy



Original Color

116.5570, -24.4316, 89.8425

Protanomaly

120.7480, -21.0748, 39.6860

Deuteranomaly

120.7510, -28.9642, 50.2074

Tritanomaly

116.6540, -21.5214, 89.7574

Monochromacy



Original Color

116.5570, -24.4316, 89.8425

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6190, -8.6862, 32.7831

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5570, -24.4316, 89.8425 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, 74, 67)` looks like.

```
.text, #text, p{  
    color:rgb(219, 74, 67)  
}
```

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, 74, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 74, 67) }
```

Border

The CSS property to change the border of an element to YUV 116.5570, -24.4316, 89.8425 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, 74, 67) }
```


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

```
.border{ border-color:rgb(219, 74, 67) }
```

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

Here you see how a box with a 4 pixel rgb(219, 74, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 74, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 74, 67);  
box-shadow:4px 4px 4px 4px rgb(219, 74,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 116.5570, -24.4316, 89.8425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 74, 67) }
```

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

```
.background{ background-color: rgb(219, 74,  
67) }
```

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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