

Converting Colors

YUV(95.3240, -24.3167,
99.6939)

Have a look what the booklet for
YUV(95.3240, -24.3167, 99.6939)
contains.

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Color

**YUV(95.3240, -24.3167,
99.6939)**

Conversions

Conversions Part 1

Format	Color
Hex	D12F2E
RGB	209, 47, 46
RGB Percent	82%, 18%, 18%
CMY	0.1804, 0.8157, 0.8196
CMYK	0.00, 0.78, 0.78, 0.18
HSL	0°, 64%, 50%
HSV	0°, 78%, 82%
XYZ	27.8042, 15.7856, 4.1663
YIQ	95.3240, 96.8730, 34.0330

Conversions

Conversions Part 2

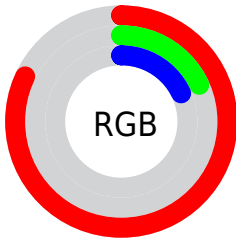
Format	Color
RYB	209, 47, 46
Decimal	13709102
CIELab	46.69, 61.69, 40.69
CIELCh	47, 73.905, 33.411
Yxy	15.7856, 0.5822, 0.3305
Android (android.graphics.Color)	4291899182 (0xFFD12F2E)
YUV	95.3240, -24.3167, 99.6939
Hunter-Lab	39.7311, 55.3864, 21.5945

Details

The YUV color **95.3240, -24.3167, 99.6939** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **159.6760, 24.3167, -99.6939**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6560, -27.9314, 92.3867**, and **43.6540, -21.5214, 89.7574** is the 20% darker color. If you saturate the color by 10%, you get **80.6030, -27.4123, 112.6042**, and if you desaturate by 10%, it is **110.0450, -21.2212, 86.7835**.

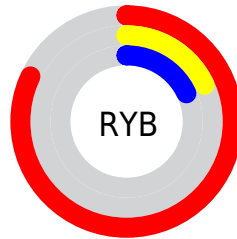
Distribution



Red (82%)

Green (18%)

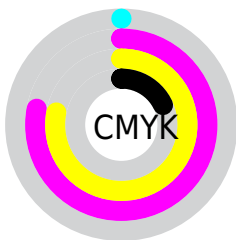
Blue (18%)



Red (82%)

Yellow (18%)

Blue (18%)

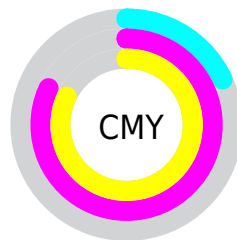


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (18%)



Cyan (18%)


Magenta (82%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.3240, -24.3167, 99.6939 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 95.3240, -24.3167, 99.6939 by changing the saturation by 10% instead.


 95.3240, -24.3167,
99.6939

 95.3240, -24.3167,
99.6939


255.0000, 0.0000,
0.0000

 55.6590, -15.6079,
106.4161


 149.6560,
-27.9314, 92.3867

 43.6540, -21.5214,
89.7574


 168.9420,
-25.1144, 75.4729


 34.3850, -16.9518,
70.6994


 188.9290,
-22.1500, 57.9443

 25.2300, -11.9454,
51.5413

 208.9160,
-19.1856, 40.4157

 16.6730, -7.2338,
33.6128

 229.1310,
-15.3476, 22.6871

 3.2890, -1.6215,
6.7625

 249.9330,

 0.0000, 0.0000,

-11.7990, 4.4438

0.0000

■ 95.3240, -24.3167,
99.6939

■ 95.3240, -24.3167,
99.6939

■ 80.6030, -27.4123,
112.6042

■ 110.0450,
-21.2212, 86.7835

■ 65.8820, -30.5078,
125.5145

■ 124.7660,
-18.1256, 73.8732

■ 63.0780, -31.0975,
127.9736

■ 138.9000,
-14.7407, 61.4777

■ 153.6210,
-11.6452, 48.5674

■ 168.3420, -8.5496,
35.6571

■ 182.9490, -5.8909,
22.8467

■ 197.0830, -2.5059,
10.4512

■ 211.8040, 0.5896,
-2.4591

■ 226.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



81.3640, 12.1455, 118.0758



95.3240, -24.3167, 99.6939



102.8180, -50.6893, 65.0576

Triad

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



95.3240, -24.3167, 99.6939



83.7710, -16.6491, -73.4672



95.5830, 69.2256, -83.8263

Complementary

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



95.3240, -24.3167, 99.6939



159.6760, 24.3167, -99.6939

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.



102.2050, 59.0589, -89.6338



95.3240, -24.3167, 99.6939



93.6430, 11.0220, -82.1249

Square

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



95.3240, -24.3167, 99.6939



92.5000, -45.6025, -26.7485



100.1240, 38.3929, -87.8087



111.2410, 51.6462, 1.5426

Rectangle

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



95.3240, -24.3167, 99.6939



104.1150, -51.3287, 36.7331



100.1240, 38.3929, -87.8087



99.1050, 67.4892, -86.9151

Sweetspot

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



95.3240, -24.3167, 99.6939



214.2280, -8.9864, 35.7570



113.3190, 47.1707, 83.9122



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.



95.3240, -24.3167, 99.6939



87.9340, -35.9565, 146.5169



142.8710, -47.7574, 57.9951



97.2890, -1.6215, 6.7625



50.8190, -25.0538, 102.7677



12.2590, -6.0437, 25.2059

Inverse Universe

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



159.6760, 24.3167, -99.6939



182.6530, 35.6671, -147.0317



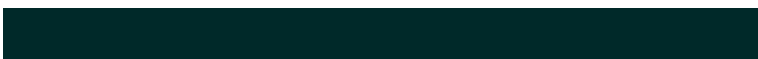
112.7160, 47.4680, -58.5099



101.1240, 1.9109, -6.2477



117.1810, 25.0538, -102.7677



28.7410, 6.0437, -25.2059

Previews

White Background



This preview shows how the YUV color 95.3240, -24.3167, 99.6939 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 95.3240, -24.3167, 99.6939 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 95.3240, -24.3167, 99.6939

Background



This preview shows how black text looks on a background with the YUV color 95.3240, -24.3167, 99.6939.



This preview shows how white text looks on a background with the YUV color 95.3240, -24.3167,

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

95.3240, -24.3167, 99.6939

Protanopia

109.6320, -22.0036, 10.8467

Deuteranopia

107.9580, -36.4613, 28.1008



Tritanopia

95.5520, -23.4431, 99.4939

Trichromacy



Original Color

95.3240, -24.3167, 99.6939

Protanomaly

104.3140, -22.8328, 43.5746

Deuteranomaly

103.5620, -32.3221, 53.8811

Tritanomaly

95.4380, -23.8799, 99.5939

Monochromacy



Original Color

95.3240, -24.3167, 99.6939

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2280, -8.9864, 35.7570

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3240, -24.3167, 99.6939 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, 47, 46)` looks like.

```
.text, #text, p{  
    color:rgb(209, 47, 46)  
}
```

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, 47, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 47, 46) }
```

Border

The CSS property to change the border of an element to YUV 95.3240, -24.3167, 99.6939 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, 47, 46) }
```


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

```
.border{ border-color:rgb(209, 47, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 47, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 47, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 47, 46);  
box-shadow:4px 4px 4px 4px rgb(209, 47,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 95.3240, -24.3167, 99.6939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 47, 46) }
```

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

```
.background{ background-color: rgb(209, 47,  
46) }
```

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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