

Converting Colors

YUV(114.4200, -19.9271,
91.7167)

Have a look what the booklet for
YUV(114.4200, -19.9271, 91.7167)
contains.

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Color

**YUV(114.4200, -19.9271,
91.7167)**

Conversions

Conversions Part 1

Format	Color
Hex	DB454A
RGB	219, 69, 74
RGB Percent	86%, 27%, 29%
CMY	0.1412, 0.7294, 0.7098
CMYK	0.00, 0.68, 0.66, 0.14
HSL	358°, 68%, 56%
HSV	358°, 68%, 86%
XYZ	32.5776, 19.8107, 8.5854
YIQ	114.4200, 87.7950, 33.3550

Conversions

Conversions Part 2

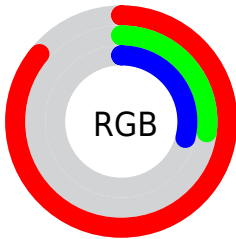
Format	Color
R_{YB}	219, 69, 74
Decimal	14370122
CIE _{Lab}	51.62, 58.44, 30.83
CIE _{LCh}	52, 66.072, 27.813
Yxy	19.8107, 0.5343, 0.3249
Android (android.graphics.Color)	4292560202 (0xFFDB454A)
YUV	114.4200, -19.9271, 91.7167
Hunter-Lab	44.5092, 52.7580, 19.7200

Details

The YUV color **114.4200, -19.9271, 91.7167** 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 **173.5800, 19.9271, -91.7167**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2290, -20.3259, 79.6062**, and **50.3630, -10.0390, 93.5206** is the 20% darker color. If you saturate the color by 10%, you get **99.1120, -22.7332, 105.1418**, and if you desaturate by 10%, it is **129.7280, -17.1209, 78.2915**.

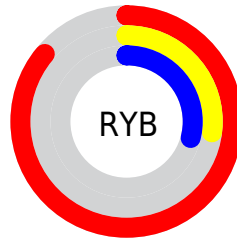
Distribution



Red (86%)

Green (27%)

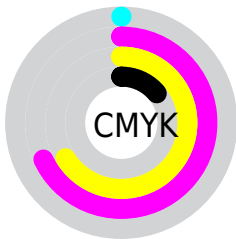
Blue (29%)



Red (86%)

Yellow (27%)

Blue (29%)

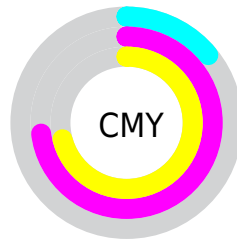


Cyan (0%)

Magenta (68%)

Yellow (66%)

Black (14%)



Cyan (14%)

Magenta (73%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4200, -19.9271, 91.7167 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 114.4200, -19.9271, 91.7167 by changing the saturation by 10% instead.

■ 114.4200,
-19.9271, 91.7167

■ 114.4200,
-19.9271, 91.7167

■ 255.0000, 0.0000,
0.0000

■ 84.3320, -16.4327,
90.9168

■ 164.2290,
-20.3259, 79.6062

■ 50.3630, -10.0390,
93.5206

■ 183.6290,
-17.0721, 62.5924

■ 38.5860, -15.0789,
76.6621

■ 203.0290,
-13.8183, 45.5786

■ 28.7040, -14.1511,
59.0186

■ 223.2440, -9.9803,
27.8500

■ 20.5600, -9.1501,
41.6049

■ 244.0460, -6.4317,
9.6067

■ 10.8780, -4.8699,
22.0320

■ 0.0000, 0.0000,

0.0000

■ 114.4200,
-19.9271, 91.7167

■ 114.4200,
-19.9271, 91.7167

■ 99.1120, -22.7332,
105.1418

■ 129.7280,
-17.1209, 78.2915

■ 83.8040, -25.5394,
118.5669

■ 145.0360,
-14.3147, 64.8664

■ 68.3820, -28.7823,
132.0920

■ 160.4580,
-11.0718, 51.3413

■ 66.2790, -29.2245,
133.9363

■ 175.7660, -8.2656,
37.9162

■ 191.0740, -5.4595,
24.4911

■ 205.7950, -2.3639,
11.5808

■ 221.1030, 0.4422,
-1.8443

■ 236.4110, 3.2484,
-15.2694

■ 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.



115.5210, 7.1381, 90.7511



114.4200, -19.9271, 91.7167



116.5240, -48.0793, 67.9465

Triad

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



114.4200, -19.9271, 91.7167



91.1400, -16.3380, -79.9298



103.9150, 65.6109, -91.1335

Complementary

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



114.4200, -19.9271, 91.7167



173.5800, 19.9271, -91.7167

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.



108.9070, 54.2758, -95.5114



114.4200, -19.9271, 91.7167



100.2140, 8.2755, -87.8877

Square

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



114.4200, -19.9271, 91.7167



108.2480, -53.3663, -9.8645



106.7120, 33.1730, -93.5864



122.9960, 49.7950, -11.3975

Rectangle

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



114.4200, -19.9271, 91.7167



115.6770, -57.0288, 45.0103



106.7120, 33.1730, -93.5864



106.5080, 62.8536, -93.4075

Sweetspot

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



114.4200, -19.9271, 91.7167



217.3740, -7.0864, 32.9980



129.4550, 44.1457, 74.1460



105.6820, -4.2802, 19.5729



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.



114.4200, -19.9271, 91.7167



109.2890, -27.7505, 127.7885



154.9400, -42.3684, 56.1806



102.2890, -1.6215, 6.7625



52.4110, -22.8806, 105.7566



13.9820, -5.9071, 28.0798

Inverse Universe

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



114.4200, -19.9271, 91.7167



109.2890, -27.7505, 127.7885



133.0600, 42.3684, -56.1806



102.2890, -1.6215, 6.7625



52.4110, -22.8806, 105.7566



13.9820, -5.9071, 28.0798

Previews

White Background



This preview shows how the YUV color 114.4200, -19.9271, 91.7167 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 114.4200, -19.9271, 91.7167 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 114.4200, -19.9271, 91.7167

Background



This preview shows how black text looks on a background with the YUV color 114.4200, -19.9271, 91.7167.



This preview shows how white text looks on a background with the YUV color 114.4200, -19.9271, 91.7167.

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

114.4200, -19.9271, 91.7167

Protanopia

122.4990, -13.5570, 8.3324

Deuteranopia

121.9390, -27.5779, 25.4865



Tritanopia

114.3060, -20.3639, 91.8166

Trichromacy



Original Color

114.4200, -19.9271, 91.7167

Protanomaly

119.4150, -15.9806, 39.1010

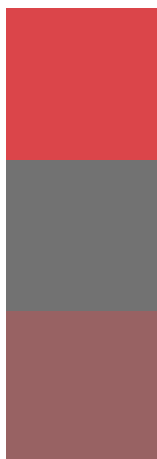
Deuteranomaly

119.1900, -24.7437, 49.8224

Tritanomaly

114.3060, -20.3639, 91.8166

Monochromacy



Original Color

114.4200, -19.9271, 91.7167

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2600, -7.5232, 33.0980

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4200, -19.9271, 91.7167 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, 69, 74)` looks like.

```
.text, #text, p{  
    color:rgb(219, 69, 74)  
}
```

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, 69, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 69, 74) }
```

Border

The CSS property to change the border of an element to YUV 114.4200, -19.9271, 91.7167 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, 69, 74) }
```


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

```
.border{ border-color:rgb(219, 69, 74) }
```

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

Here you see how a box with a 4 pixel rgb(219, 69, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 69, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 69, 74);  
box-shadow:4px 4px 4px 4px rgb(219, 69,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 114.4200, -19.9271, 91.7167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 69, 74) }
```

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

```
.background{ background-color: rgb(219, 69,  
74) }
```

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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