

Converting Colors

YUV(111.0890, -21.2429,
93.7609)

Have a look what the booklet for
YUV(111.0890, -21.2429, 93.7609)
contains.

YUV(111.0890, -21.2429, 93.7609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.0890, -21.2429,
93.7609)**

Conversions

Conversions Part 1

Format	Color
Hex	DA4144
RGB	218, 65, 68
RGB Percent	85%, 25%, 27%
CMY	0.1451, 0.7451, 0.7333
CMYK	0.00, 0.70, 0.69, 0.15
HSL	359°, 67%, 55%
HSV	359°, 70%, 85%
XYZ	31.8471, 19.1034, 7.4776
YIQ	111.0890, 90.2250, 33.3690

Conversions

Conversions Part 2

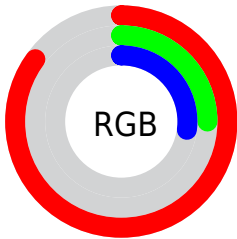
Format	Color
RYB	218, 65, 68
Decimal	14303556
CIELab	50.81, 59.32, 33.28
CIElCh	51, 68.016, 29.298
Yxy	19.1034, 0.5451, 0.3270
Android (android.graphics.Color)	4292493636 (0xFFDA4144)
YUV	111.0890, -21.2429, 93.7609
Hunter-Lab	43.7074, 53.5749, 20.4516

Details

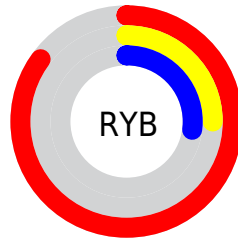
The YUV color **111.0890, -21.2429, 93.7609** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **171.9110, 21.2429, -93.7609**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0830, -22.2259, 82.3652**, and **49.4940, -12.0755, 93.4058** is the 20% darker color. If you saturate the color by 10%, you get **95.7810, -24.0490, 107.1861**, and if you desaturate by 10%, it is **126.3970, -18.4367, 80.3358**.

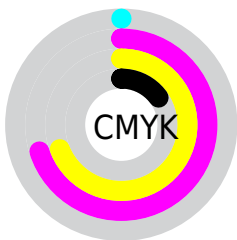
Distribution



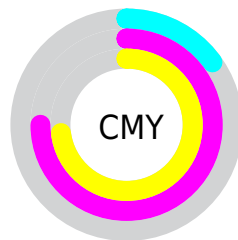
- Red (85%)
- Green (25%)
- Blue (27%)



- Red (85%)
- Yellow (25%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (15%)



- Cyan (15%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0890, -21.2429, 93.7609 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 111.0890, -21.2429, 93.7609 by changing the saturation by 10% instead.

■ 111.0890,
-21.2429, 93.7609

■ 111.0890,
-21.2429, 93.7609

255.0000, 0.0000,
0.0000

■ 79.9410, -16.7329,
93.8907

■ 161.0830,
-22.2259, 82.3652

■ 49.4940, -12.0755,
93.4058

■ 180.4830,
-18.9721, 65.3514

■ 37.3750, -18.4259,
76.8471

■ 200.5840,
-15.5709, 47.7228

■ 28.1060, -13.8563,
57.7890

■ 220.6850,
-12.1697, 30.0943

■ 20.0760, -8.4185,
40.2753

■ 240.9000, -8.3317,
12.3657

■ 9.9810, -4.4276,
20.1877

254.6580, -1.3104,

■ 0.0000, 0.0000,

0.2999

0.0000

■ 111.0890,
-21.2429, 93.7609

■ 111.0890,
-21.2429, 93.7609

■ 95.7810, -24.0490,
107.1861

■ 126.3970,
-18.4367, 80.3358

■ 80.3590, -27.2920,
120.7112

■ 141.8190,
-15.1938, 66.8107

■ 65.6380, -30.3875,
133.6215

■ 156.5400,
-12.0982, 53.9004

■ 171.8480, -9.2921,
40.4753

■ 187.2700, -6.0491,
26.9502

■ 202.5780, -3.2430,
13.5251

■ 218.0000, 0.0000,
0.0000

■ 232.7210, 3.0955,
-12.9103

■ 243.9370, 5.4541,
-22.7467

Harmonies

Analogous

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



110.2550, 7.2693, 95.3694



111.0890, -21.2429, 93.7609



112.8570, -53.1735, 68.5314

Triad

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



111.0890, -21.2429, 93.7609



89.8520, -16.1960, -78.8002



102.8550, 66.6265, -90.2038

Complementary

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



111.0890, -21.2429, 93.7609



171.9110, 21.2429, -93.7609

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.



107.9610, 55.7282, -94.6818



111.0890, -21.2429, 93.7609



99.1540, 9.2911, -86.9581

Square

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



111.0890, -21.2429, 93.7609



105.5680, -52.0450, -13.6531



105.8800, 35.0622, -92.8568



121.1320, 50.2209, -8.0088

Rectangle

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



111.0890, -21.2429, 93.7609



113.8940, -56.1497, 43.0660



105.8800, 35.0622, -92.8568



105.5620, 64.3059, -92.5779

Sweetspot

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



111.0890, -21.2429, 93.7609



217.3740, -7.0864, 32.9980



126.6940, 45.0139, 75.6904



105.5680, -4.7170, 19.6729



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.



111.0890, -21.2429, 93.7609



105.4420, -29.7979, 131.1624



152.4240, -43.1000, 57.5102



102.2890, -1.6215, 6.7625



52.0690, -24.1910, 106.0565



13.8680, -6.3439, 28.1798

Inverse Universe

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



111.0890, -21.2429, 93.7609



105.4420, -29.7979, 131.1624



130.5760, 43.1000, -57.5102



102.2890, -1.6215, 6.7625



52.0690, -24.1910, 106.0565



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 111.0890, -21.2429, 93.7609 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 111.0890, -21.2429, 93.7609 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 111.0890, -21.2429, 93.7609

Background



This preview shows how black text looks on a background with the YUV color 111.0890, -21.2429, 93.7609.



This preview shows how white text looks on a background with the YUV color 111.0890, -21.2429, 93.7609.

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

111.0890, -21.2429, 93.7609

Protanopia

120.3420, -15.4516, 9.3471

Deuteranopia

119.6680, -29.9093, 26.6012



Tritanopia

111.0890, -21.2429, 93.7609

Trichromacy



Original Color

111.0890, -21.2429, 93.7609

Protanomaly

117.2580, -17.8752, 40.1157

Deuteranomaly

116.3320, -26.7857, 51.4518

Tritanomaly

111.0890, -21.2429, 93.7609

Monochromacy



Original Color

111.0890, -21.2429, 93.7609

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8580, -7.8180, 34.3275

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0890, -21.2429, 93.7609 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(218, 65, 68)` looks like.

```
.text, #text, p{  
    color:rgb(218, 65, 68)  
}
```

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(218, 65, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 65, 68) }
```

Border

The CSS property to change the border of an element to YUV 111.0890, -21.2429, 93.7609 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(218, 65, 68) }
```


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

```
.border{ border-color:rgb(218, 65, 68) }
```

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

Here you see how a box with a 4 pixel rgb(218, 65, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 65, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 65, 68);  
box-shadow:4px 4px 4px 4px rgb(218, 65,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 111.0890, -21.2429, 93.7609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 65, 68) }
```

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

```
.background{ background-color: rgb(218, 65,  
68) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor