

Converting Colors

YUV(69.0170, -8.3894,
124.5191)

Have a look what the booklet for
YUV(69.0170, -8.3894, 124.5191)
contains.

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Color

**YUV(69.0170, -8.3894,
124.5191)**

Conversions

Conversions Part 1

Format	Color
Hex	D30034
RGB	211, 0, 52
RGB Percent	83%, 0%, 20%
CMY	0.1725, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.75, 0.17
HSL	345°, 100%, 41%
HSV	345°, 100%, 83%
XYZ	27.4838, 14.0968, 4.5212
YIQ	69.0170, 109.0640, 60.9040

Conversions

Conversions Part 2

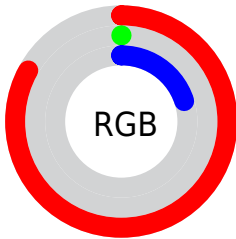
Format	Color
RYB	211, 0, 52
Decimal	13828148
CIELab	44.37, 70.41, 34.83
CIElCh	44, 78.558, 26.321
Yxy	14.0968, 0.5962, 0.3058
Android (android.graphics.Color)	4292018228 (0xFFD30034)
YUV	69.0170, -8.3894, 124.5191
Hunter-Lab	37.5457, 64.9585, 19.1424

Details

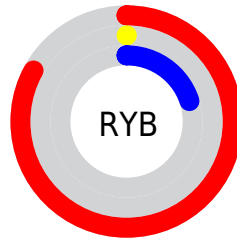
The YUV color **69.0170, -8.3894, 124.5191** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **141.9830, 8.3894, -124.5191**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0730, -20.2490, 101.6680**, and **45.0930, -17.3008, 89.3724** is the 20% darker color. If you saturate the color by 10%, you get **69.0170, -8.3894, 124.5191**, and if you desaturate by 10%, it is **83.1680, -7.4778, 112.1087**.

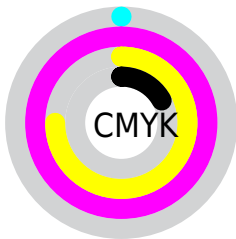
Distribution



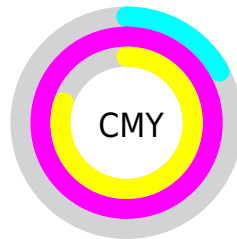
- Red (83%)
- Green (0%)
- Blue (20%)



- Red (83%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.0170, -8.3894, 124.5191 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 69.0170, -8.3894, 124.5191 by changing the saturation by 10% instead.

■ 69.0170, -8.3894,
124.5191

■ 69.0170, -8.3894,
124.5191

255.0000, 0.0000,
0.0000

■ 57.0550, -12.8451,
106.9458

■ 139.0730,
-20.2490, 101.6680

■ 45.0930, -17.3008,
89.3724

■ 159.5330,
-18.0108, 83.7246

■ 34.6840, -17.0992,
71.3141

■ 179.5200,
-15.0464, 66.1960

■ 25.6430, -11.6560,
52.0561

■ 199.6210,
-11.6452, 48.5674

■ 16.6730, -7.2338,
33.6128

■ 220.3090, -8.5333,
30.4240

■ 2.3920, -1.1793,
4.9182

■ 241.2250, -4.5479,

■ 0.0000, 0.0000,

12.0807

0.0000

■ 69.0170, -8.3894,
124.5191

■ 83.1680, -7.4778,
112.1087

■ 97.3190, -6.5663,
99.6982

■ 111.4700, -5.6547,
87.2878

■ 125.6210, -4.7432,
74.8774

■ 140.3590, -4.1210,
61.9522

■ 154.3960, -3.6462,
49.6417

■ 168.5470, -2.7347,
37.2313

■ 182.6980, -1.8231,
24.8209

■ 196.8490, -0.9116,
12.4104

Harmonies

Analogous

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



76.3130, 19.5657, 118.1205



69.0170, -8.3894, 124.5191



94.3340, -46.5067, 76.8831

Triad

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



69.0170, -8.3894, 124.5191



76.6010, -28.8903, -67.1791



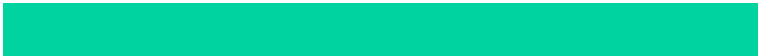
95.8110, 70.0992, -84.0262

Complementary

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



69.0170, -8.3894, 124.5191



141.9830, 8.3894, -124.5191

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.



99.5320, 56.4327, -87.2896



69.0170, -8.3894, 124.5191



87.7270, 3.5856, -76.9366

Square

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



69.0170, -8.3894, 124.5191



90.4950, -44.6140, -17.0971



95.9520, 32.5617, -84.1499



98.9860, 61.6319, -28.0517

Rectangle

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



69.0170, -8.3894, 124.5191



99.1640, -48.8879, 47.2142



95.9520, 32.5617, -84.1499



98.2900, 66.9050, -86.2003

Sweetspot

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



69.0170, -8.3894, 124.5191



203.7760, -3.3406, 44.9234



71.2960, 68.8741, 76.0394



97.0080, -1.9759, 27.1800



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.



69.0170, -8.3894, 124.5191



83.4270, -10.0705, 150.4695



94.2000, -46.4406, 102.4336



97.6310, -0.3111, 6.4626



54.9060, -6.8557, 99.1834



13.3990, -1.6757, 24.2061

Inverse Universe

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



69.0170, -8.3894, 124.5191



83.4270, -10.0705, 150.4695



116.8000, 46.4406, -102.4336



97.6310, -0.3111, 6.4626



54.9060, -6.8557, 99.1834



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 69.0170, -8.3894, 124.5191 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 69.0170, -8.3894, 124.5191 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 69.0170, -8.3894, 124.5191 Background



This preview shows how black text looks on a background with the YUV color 69.0170, -8.3894, 124.5191.



This preview shows how white text looks on a background with the YUV color 69.0170, -8.3894,

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

69.0170, -8.3894, 124.5191

Protanopia

106.0860, -13.8464, 7.8176

Deuteranopia

104.5000, -31.7985, 25.8715



Tritanopia

77.1860, -31.6437, 116.4779

Trichromacy



Original Color

69.0170, -8.3894, 124.5191

Protanomaly

92.6320, -11.6506, 50.3117

Deuteranomaly

91.6090, -23.4712, 61.7329

Tritanomaly

74.0860, -23.2134, 119.1966

Monochromacy



Original Color

69.0170, -8.3894, 124.5191

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1890, -3.0512, 45.4382

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0170, -8.3894, 124.5191 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(211, 0, 52)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 52)  
}
```

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(211, 0, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 52) }
```

Border

The CSS property to change the border of an element to YUV 69.0170, -8.3894, 124.5191 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(211, 0, 52) }
```


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

```
.border{ border-color:rgb(211, 0, 52) }
```

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

Here you see how a box with a 4 pixel rgb(211, 0, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 52);  
box-shadow:4px 4px 4px 4px rgb(211, 0, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.0170, -8.3894, 124.5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 52) }
```

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

```
.background{ background-color: rgb(211, 0,  
52) }
```

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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