

# Converting Colors

YUV(70.6120, -34.3187,  
134.5213)

Have a look what the booklet for  
YUV(70.6120, -34.3187, 134.5213)  
contains.

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# Color

**YUV(70.6120, -34.3187,  
134.5213)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E00601
RGB	224, 6, 1
RGB Percent	88%, 2%, 0%
CMY	0.1216, 0.9765, 0.9961
CMYK	0.00, 0.97, 1.00, 0.12
HSL	1°, 99%, 44%
HSV	1°, 100%, 88%
XYZ	30.8111, 15.9797, 1.4892
YIQ	70.6120, 131.5330, 44.6610

# Conversions

## Conversions Part 2

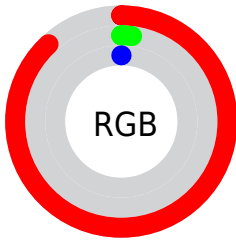
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 6, 1
Decimal	14681601
CIE Lab	46.95, 72.15, 60.70
CIE LCh	47, 94.285, 40.076
Yxy	15.9797, 0.6382, 0.3310
Android (android.graphics.Color)	4292871681 (0xFFE00601)
YUV	70.6120, -34.3187, 134.5213
Hunter-Lab	39.9747, 67.6259, 25.7735

# Details

The YUV color **70.6120, -34.3187, 134.5213** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **154.3880, 34.3187, -134.5213**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0460, -39.4627, 104.3227**, and **47.2420, -23.2903, 97.1348** is the 20% darker color. If you saturate the color by 10%, you get **69.9110, -34.4661, 135.1361**, and if you desaturate by 10%, it is **86.0340, -31.0758, 120.9962**.

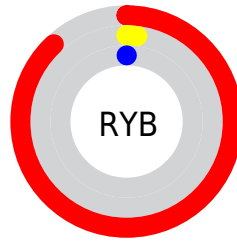
# Distribution



Red (88%)

Green (2%)

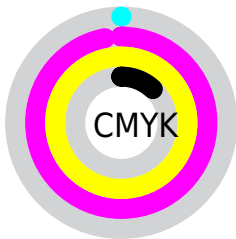
Blue (0%)



Red (88%)

Yellow (2%)

Blue (0%)

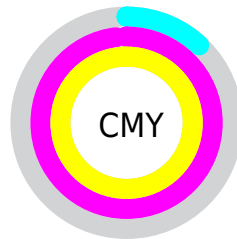


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (98%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 70.6120, -34.3187, 134.5213 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 70.6120, -34.3187, 134.5213 by changing the saturation by 10% instead.




 70.6120, -34.3187,  
134.5213

 70.6120, -34.3187,  
134.5213


 253.7460, -4.8048,  
1.0998

 57.1090, -28.1547,  
117.4224


 136.0460,  
-39.4627, 104.3227


 47.2420, -23.2903,  
97.1348


 156.5060,  
-37.2245, 86.3792


 37.3750, -18.4259,  
76.8471


 176.9660,  
-34.9862, 68.4358

 28.3340, -12.9827,  
57.5891

 196.9530,  
-32.0218, 50.9072

 19.4780, -8.1237,  
39.0458

 217.6410,  
-28.9100, 32.7638

 8.7850, -3.8380,  
17.7286


 238.4430,


 0.0000, 0.0000,


-25.3614, 14.5205


0.0000


 250.4400,  
-17.4719, 3.9991


 70.6120, -34.3187,  
134.5213


 70.6120, -34.3187,  
134.5213


 69.9110, -34.4661,  
135.1361

 86.0340, -31.0758,  
120.9962

 101.5700,  
-27.3960, 107.3711

 116.9920,  
-24.1531, 93.8460

 132.5280,  
-20.4733, 80.2209

 147.3630,  
-16.9410, 67.2106

■ 162.7850,  
-13.6980, 53.6856

■ 178.3210,  
-10.0183, 40.0605

■ 193.7430, -6.7753,  
26.5354

■ 209.2790, -3.0955,  
12.9103

# Harmonies

## Analogous

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



82.5040, 3.2025, 139.8780



70.6120, -34.3187, 134.5213



103.7040, -51.1261, 65.1576

# Triad

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



70.6120, -34.3187, 134.5213



87.5210, -17.5119, -76.7559



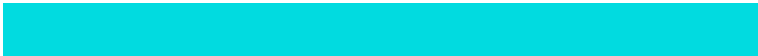
96.5750, 78.1035, -84.6963

# Complementary

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



70.6120, -34.3187, 134.5213



154.3880, 34.3187, -134.5213

# 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.



108.3150, 72.3157, -94.9923



70.6120, -34.3187, 134.5213



98.9720, 18.7478, -86.7984

# Square

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



70.6120, -34.3187, 134.5213



77.4840, -38.1996, -67.9535



107.6360, 51.9445, -94.3968



109.7290, 61.7586, 24.7937



# Rectangle

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



70.6120, -34.3187, 134.5213



104.6470, -51.5910, 27.4966



107.6360, 51.9445, -94.3968



101.2710, 75.7884, -88.8147

# Sweetspot

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



70.6120, -34.3187, 134.5213



202.3110, -11.4923, 46.2083



92.6430, 62.7870, 115.2001



96.3410, -7.0701, 27.7649



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.



70.6120, -34.3187, 134.5213



79.7670, -39.3251, 153.6793



135.1820, -66.1517, 77.8934



104.2890, -1.6215, 6.7625



54.9720, -27.1012, 106.1416



14.9390, -7.3649, 28.9945



# Inverse Universe

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



154.3880, 34.3187, -134.5213



175.2330, 39.3251, -153.6793



89.8180, 66.1517, -77.8934



108.7110, 1.6215, -6.7625



121.0280, 27.1012, -106.1416



33.0610, 7.3649, -28.9945



# Previews

## White Background



This preview shows how the YUV color 70.6120, -34.3187, 134.5213 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

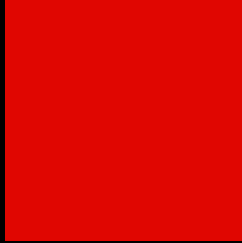
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 70.6120, -34.3187, 134.5213 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 70.6120, -34.3187, 134.5213

## Background



This preview shows how black text looks on a background with the YUV color 70.6120, -34.3187, 134.5213.



This preview shows how white text looks on a background with the YUV color 70.6120, -34.3187,



# 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

70.6120, -34.3187, 134.5213

### Protanopia

107.6100, -38.7547, 17.0050

### Deuteranopia

105.2670, -51.8966, 32.2148



## Tritanopia

78.7050, -38.8016, 125.6697

# Trichromacy



## Original Color

70.6120, -34.3187, 134.5213

## Protanomaly

94.0420, -36.9957, 59.5992

## Deuteranomaly

92.5180, -45.6114, 69.7057

## Tritanomaly

76.0690, -37.5020, 128.8585

# Monochromacy



## Original Color

70.6120, -34.3187, 134.5213

## Achromatopsia

71.0000, 0.0000, 0.0000

## Achromatomaly

70.8060, -12.2294, 49.2821

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 70.6120, -34.3187, 134.5213 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(224, 6, 1)` looks like.

```
.text, #text, p{  
    color:rgb(224, 6, 1)  
}
```

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(224, 6, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 6, 1) }
```

## Border

The CSS property to change the border of an element to YUV 70.6120, -34.3187, 134.5213 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(224, 6, 1) }
```



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

```
.border{ border-color:rgb(224, 6, 1) }
```

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

Here you see how a box with a 4 pixel rgb(224, 6, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 6, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(224, 6, 1); box-shadow:4px  
4px 4px 4px rgb(224, 6, 1) }
```

# Background

The CSS property to change the background color of an element to YUV 70.6120, -34.3187, 134.5213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 6, 1) }
```

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

```
.background{ background-color: rgb(224, 6,  
1) }
```

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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