

Converting Colors

YUV(76.9000, -34.4607,
133.3917)

Have a look what the booklet for
YUV(76.9000, -34.4607, 133.3917)
contains.

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Color

**YUV(76.9000, -34.4607,
133.3917)**

Conversions

Conversions Part 1

Format	Color
Hex	E50D07
RGB	229, 13, 7
RGB Percent	90%, 5%, 3%
CMY	0.1020, 0.9490, 0.9725
CMYK	0.00, 0.94, 0.97, 0.10
HSL	2°, 94%, 46%
HSV	2°, 97%, 90%
XYZ	32.4954, 16.9612, 1.7622
YIQ	76.9000, 130.6620, 43.9260

Conversions

Conversions Part 2

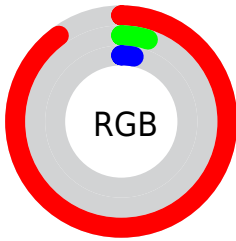
Format	Color
RYB	229, 13, 7
Decimal	15011079
CIELab	48.21, 72.85, 60.12
CIElCh	48, 94.453, 39.532
Yxy	16.9612, 0.6344, 0.3312
Android (android.graphics.Color)	4293201159 (0xFFE50D07)
YUV	76.9000, -34.4607, 133.3917
Hunter-Lab	41.1840, 68.7698, 26.2919

Details

The YUV color **76.9000, -34.4607, 133.3917** 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 **159.1000, 34.4607, -133.3917**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2630, -38.5837, 102.3783**, and **48.7370, -24.0273, 100.2087** is the 20% darker color. If you saturate the color by 10%, you get **71.9930, -35.4925, 137.6951**, and if you desaturate by 10%, it is **92.4360, -30.7809, 119.7666**.

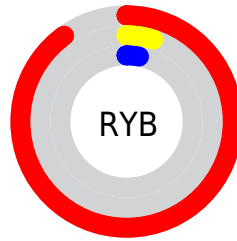
Distribution



Red (90%)

Green (5%)

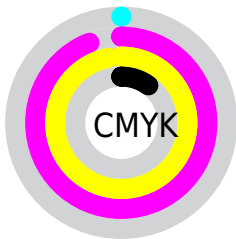
Blue (3%)



Red (90%)

Yellow (5%)

Blue (3%)

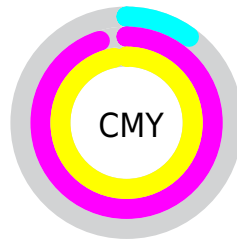


Cyan (0%)

Magenta (94%)

Yellow (97%)

Black (10%)



Cyan (10%)


Magenta (95%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 76.9000, -34.4607, 133.3917 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 76.9000, -34.4607, 133.3917 by changing the saturation by 10% instead.


 76.9000, -34.4607,
133.3917

 76.9000, -34.4607,
133.3917


 254.3160, -2.6208,
0.5999

 58.6040, -28.8918,
120.4963


 138.2630,
-38.5837, 102.3783

 48.7370, -24.0273,
100.2087


 158.7230,
-36.3454, 84.4349


 38.8700, -19.1629,
79.9210


 179.2970,
-33.6704, 66.3915

 29.5300, -13.5723,
60.0482

 199.2840,
-30.7060, 48.8629

 20.9730, -8.8607,
42.1197

 219.9720,
-27.5942, 30.7196


 10.8780, -4.8699,
22.0320


 240.6600,


 0.0000, 0.0000,


-24.4824, 12.5762


0.0000


 251.0100,
-15.2879, 3.4992


 76.9000, -34.4607,
133.3917


 76.9000, -34.4607,
133.3917


 71.9930, -35.4925,
137.6951

 92.4360, -30.7809,
119.7666

 108.5590,
-27.3906, 105.6268

 124.0950,
-23.7108, 92.0017

 139.6310,
-20.0311, 78.3766

 155.1670,
-16.3513, 64.7515

■ 171.1760,
-13.3978, 50.7116

■ 186.7120, -9.7180,
37.0866

■ 202.2480, -6.0383,
23.4615

■ 218.3710, -2.6479,
9.3216

Harmonies

Analogous

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



84.4550, 4.2127, 142.5520



76.9000, -34.4607, 133.3917



106.9600, -52.7313, 66.6871

Triad

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



76.9000, -34.4607, 133.3917



89.3960, -17.9432, -78.4003



98.3360, 77.2354, -86.2407

Complementary

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



76.9000, -34.4607, 133.3917



159.1000, 34.4607, -133.3917

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.



110.0760, 71.4475, -96.5367



76.9000, -34.4607, 133.3917



100.9610, 18.7532, -88.5428

Square

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



76.9000, -34.4607, 133.3917



79.2450, -39.0678, -69.4979



109.7390, 52.3867, -96.2411



113.8320, 62.2008, 22.9493

Rectangle

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



76.9000, -34.4607, 133.3917



107.9030, -53.1962, 29.0261



109.7390, 52.3867, -96.2411



103.6190, 74.6308, -90.8739

Sweetspot

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



76.9000, -34.4607, 133.3917



204.3000, -11.4869, 44.4639



98.2300, 62.4976, 114.6853



97.0420, -6.9227, 27.1502



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.



76.9000, -34.4607, 133.3917



80.3540, -39.6145, 153.1645



140.8830, -66.0043, 77.2786



107.1750, -2.0583, 6.8625



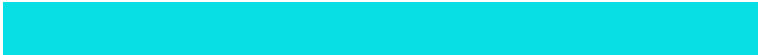
56.4560, -27.8328, 107.4711



15.8360, -7.8071, 30.8388

Inverse Universe

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



159.1000, 34.4607, -133.3917



174.6460, 39.6145, -153.1645



95.1170, 66.0043, -77.2786



110.8250, 2.0583, -6.8625



122.5440, 27.8328, -107.4711



35.1640, 7.8071, -30.8388

Previews

White Background



This preview shows how the YUV color 76.9000, -34.4607, 133.3917 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 76.9000, -34.4607, 133.3917 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 76.9000, -34.4607, 133.3917

Background



This preview shows how black text looks on a background with the YUV color 76.9000, -34.4607, 133.3917.



This preview shows how white text looks on a background with the YUV color 76.9000, -34.4607,

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

76.9000, -34.4607, 133.3917

Protanopia

110.4960, -39.1915, 17.1050

Deuteranopia

108.2240, -53.3544, 33.1296



Tritanopia

80.4990, -39.6860, 129.3584

Trichromacy



Original Color

76.9000, -34.4607, 133.3917

Protanomaly

98.5150, -37.7219, 59.1843

Deuteranomaly

96.9910, -46.3376, 69.2909

Tritanomaly

79.0800, -37.5074, 130.6028

Monochromacy



Original Color

76.9000, -34.4607, 133.3917

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0940, -12.3713, 48.1526

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9000, -34.4607, 133.3917 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(229, 13, 7)` looks like.

```
.text, #text, p{  
    color:rgb(229, 13, 7)  
}
```

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(229, 13, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 13, 7) }
```

Border

The CSS property to change the border of an element to YUV 76.9000, -34.4607, 133.3917 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(229, 13, 7) }
```


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

```
.border{ border-color:rgb(229, 13, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 13, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 13, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 13, 7);  
box-shadow:4px 4px 4px 4px rgb(229, 13, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.9000, -34.4607, 133.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 13, 7) }
```

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

```
.background{ background-color: rgb(229, 13,  
7) }
```

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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