

Converting Colors

YUV(70.7070, -28.4496,
118.6520)

Have a look what the booklet for
YUV(70.7070, -28.4496, 118.6520)
contains.

YUV(70.7070, -28.4496, 118.6520)	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(70.7070, -28.4496,
118.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	CE0D0D
RGB	206, 13, 13
RGB Percent	81%, 5%, 5%
CMY	0.1922, 0.9490, 0.9490
CMYK	0.00, 0.94, 0.94, 0.19
HSL	0°, 88%, 43%
HSV	0°, 94%, 81%
XYZ	25.6702, 13.4387, 1.6217
YIQ	70.7070, 115.0280, 40.9160

Conversions

Conversions Part 2

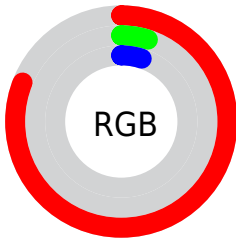
Format	Color
RYB	206, 13, 13
Decimal	13503757
CIELab	43.42, 67.09, 53.23
CIELCh	43, 85.644, 38.432
Yxy	13.4387, 0.6302, 0.3299
Android (android.graphics.Color)	4291693837 (0xFFCE0D0D)
YUV	70.7070, -28.4496, 118.6520
Hunter-Lab	36.6589, 60.8407, 23.0383

Details

The YUV color **70.7070, -28.4496, 118.6520** 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 **148.2930, 28.4496, -118.6520**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5560, -36.2631, 104.7524**, and **42.1590, -20.7844, 86.6836** is the 20% darker color. If you saturate the color by 10%, you get **61.5940, -30.3658, 126.6441**, and if you desaturate by 10%, it is **85.4280, -25.3540, 105.7416**.

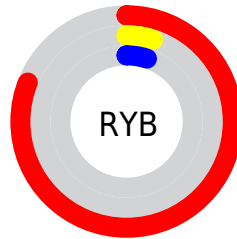
Distribution



Red (81%)

Green (5%)

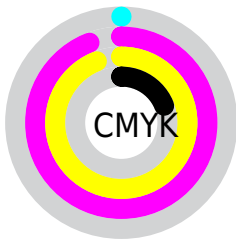
Blue (5%)



Red (81%)

Yellow (5%)

Blue (5%)

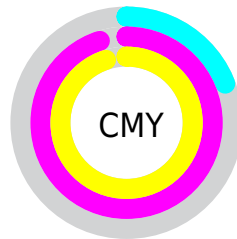


Cyan (0%)

Magenta (94%)

Yellow (94%)

Black (19%)



Cyan (19%)


Magenta (95%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 70.7070, -28.4496, 118.6520 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 70.7070, -28.4496, 118.6520 by changing the saturation by 10% instead.


 70.7070, -28.4496,
118.6520


 70.7070, -28.4496,
118.6520


 254.3160, -2.6208,
0.5999


 52.0260, -25.6488,
106.9712


 135.5560,
-36.2631, 104.7524


 42.1590, -20.7844,
86.6836


 155.3150,
-34.1723, 87.4237


 32.8900, -16.2148,
67.6255

 175.3020,
-31.2079, 69.8951

 23.8490, -10.7716,
48.3674

 195.2890,
-28.2435, 52.3665


 14.8790, -6.3493,
29.9241


 215.8630,
-25.5685, 34.3231


 0.0000, 0.0000,
0.0000


 236.0780,


-21.7305, 16.5946


 251.0100,
-15.2879, 3.4992


 70.7070, -28.4496,
118.6520


 70.7070, -28.4496,
118.6520


 61.5940, -30.3658,
126.6441

 85.4280, -25.3540,
105.7416

 99.4480, -22.4059,
93.4461

 114.1690,
-19.3103, 80.5358

 128.1890,
-16.3622, 68.2402

 142.9100,
-13.2666, 55.3299

■ 157.6310,
-10.1711, 42.4196

■ 171.6510, -7.2229,
30.1241

■ 186.3720, -4.1274,
17.2138

■ 200.3920, -1.1793,
4.9182

Harmonies

Analogous

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



75.8830, 4.9877, 127.2676



70.7070, -28.4496, 118.6520



95.4200, -47.0421, 61.8987

Triad

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



70.7070, -28.4496, 118.6520



79.6790, -17.0967, -69.8785



90.8530, 76.4875, -79.6781

Complementary

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



70.7070, -28.4496, 118.6520



148.2930, 28.4496, -118.6520

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.



99.8060, 67.6366, -87.5299



70.7070, -28.4496, 118.6520



90.2180, 15.6685, -79.1212

Square

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



70.7070, -28.4496, 118.6520



71.0270, -35.0163, -62.2907



98.0840, 45.8076, -86.0197



101.8930, 56.2548, 16.7568

Rectangle

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



70.7070, -28.4496, 118.6520



96.6840, -47.6652, 28.3411



98.0840, 45.8076, -86.0197



95.1900, 75.3353, -83.4816

Sweetspot

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



70.7070, -28.4496, 118.6520



205.2290, -10.4659, 43.6492



92.7090, 55.8525, 99.3562



97.1560, -6.4859, 27.0502



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.



70.7070, -28.4496, 118.6520



76.2450, -37.5888, 156.7681



127.6460, -56.5205, 68.7165



94.9900, -1.4741, 6.1478



49.6340, -24.4696, 102.0530



11.3620, -5.6015, 23.3615

Inverse Universe

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



148.2930, 28.4496, -118.6520



178.7550, 37.5888, -156.7681



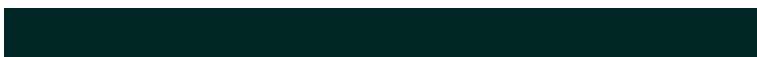
91.9410, 56.2311, -69.2313



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 70.7070, -28.4496, 118.6520 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



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 70.7070, -28.4496, 118.6520

Background



This preview shows how black text looks on a background with the YUV color 70.7070, -28.4496, 118.6520.



This preview shows how white text looks on a background with the YUV color 70.7070, -28.4496,

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

70.7070, -28.4496, 118.6520

Protanopia

100.1520, -34.0919, 14.7757

Deuteranopia

97.2820, -47.9600, 29.5707



Tritanopia

72.4480, -35.7169, 116.2481

Trichromacy



Original Color

70.7070, -28.4496, 118.6520

Protanomaly

89.5510, -32.3166, 52.1368

Deuteranomaly

87.7280, -40.7849, 61.6285

Tritanomaly

71.8440, -32.9541, 116.7778

Monochromacy



Original Color

70.7070, -28.4496, 118.6520

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9300, -10.3185, 43.0344

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7070, -28.4496, 118.6520 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(206, 13, 13)` looks like.

```
.text, #text, p{  
    color:rgb(206, 13, 13)  
}
```

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(206, 13, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 13, 13) }
```

Border

The CSS property to change the border of an element to YUV 70.7070, -28.4496, 118.6520 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(206, 13, 13) }
```


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

```
.border{ border-color:rgb(206, 13, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 13, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 13, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 13, 13);  
box-shadow:4px 4px 4px 4px rgb(206, 13,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 70.7070, -28.4496, 118.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 13, 13) }
```

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

```
.background{ background-color: rgb(206, 13,  
13) }
```

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