

Converting Colors

YUV(84.7150, -40.7785,
106.3669)

Have a look what the booklet for
YUV(84.7150, -40.7785, 106.3669)
contains.

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Color

**YUV(84.7150, -40.7785,
106.3669)**

Conversions

Conversions Part 1

Format	Color
Hex	CE2702
RGB	206, 39, 2
RGB Percent	81%, 15%, 1%
CMY	0.1922, 0.8471, 0.9922
CMYK	0.00, 0.81, 0.99, 0.19
HSL	11°, 98%, 41%
HSV	11°, 99%, 81%
XYZ	26.1901, 14.5772, 1.4907
YIQ	84.7150, 111.4090, 23.8970

Conversions

Conversions Part 2

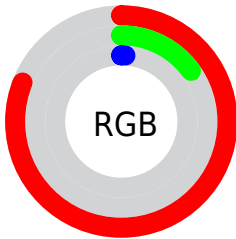
Format	Color
RYB	206, 47, 2
Decimal	13510402
CIELab	45.05, 62.22, 57.41
CIElCh	45, 84.660, 42.699
Yxy	14.5772, 0.6198, 0.3450
Android (android.graphics.Color)	4291700482 (0xFFCE2702)
YUV	84.7150, -40.7785, 106.3669
Hunter-Lab	38.1801, 55.6287, 24.4111

Details

The YUV color **84.7150, -40.7785, 106.3669** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **123.2850, 40.7785, -106.3669**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9160, -42.3566, 99.1747**, and **42.4580, -20.9318, 87.2983** is the 20% darker color. If you saturate the color by 10%, you get **83.3130, -41.0733, 107.5965**, and if you desaturate by 10%, it is **97.0880, -36.5254, 95.5158**.

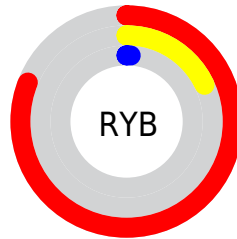
Distribution



Red (81%)

Green (15%)

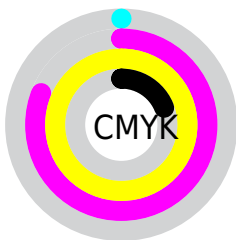
Blue (1%)



Red (81%)

Yellow (18%)

Blue (1%)

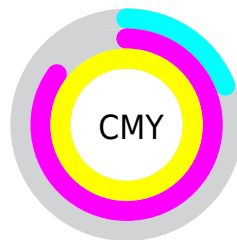


Cyan (0%)

Magenta (81%)

Yellow (99%)

Black (19%)



Cyan (19%)


Magenta (85%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.7150, -40.7785, 106.3669 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 84.7150, -40.7785, 106.3669 by changing the saturation by 10% instead.


 84.7150, -40.7785,
106.3669


 84.7150, -40.7785,
106.3669


 253.7460, -4.8048,
1.0998


 52.0260, -25.6488,
106.9712


 141.9160,
-42.3566, 99.1747

 42.4580, -20.9318,
87.2983


 161.2020,
-39.5396, 82.2608


 32.8900, -16.2148,
67.6255

 181.1890,
-36.5752, 64.7322

 24.0340, -11.3558,
49.0822

 200.5890,
-33.3214, 47.7184


 15.4770, -6.6442,
31.1537


 221.2770,
-30.2096, 29.5751


 0.0000, 0.0000,
0.0000


 241.3780,


-26.8084, 11.9465

 250.5540,
-17.0351, 3.8991


 84.7150, -40.7785,
106.3669


 84.7150, -40.7785,
106.3669


 83.3130, -41.0733,
107.5965

 97.0880, -36.5254,
95.5158

 109.3470,
-32.7091, 84.7647

 121.7200,
-28.4560, 73.9136

 133.3920,
-24.3503, 63.6772

 145.7650,
-20.0971, 52.8261

■ 158.1380,
-15.8440, 41.9750

■ 170.3970,
-12.0277, 31.2238

■ 182.7700, -7.7746,
20.3727

■ 195.0290, -3.9583,
9.6216

Harmonies

Analogous

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



76.5090, 2.2141, 130.2266



84.7150, -40.7785, 106.3669



100.3930, -49.4937, 54.9063

Triad

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



84.7150, -40.7785, 106.3669



84.4380, -11.5549, -74.0521



90.9670, 76.9243, -79.7781

Complementary

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



84.7150, -40.7785, 106.3669



123.2850, 40.7785, -106.3669

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.



102.3650, 69.8261, -89.7741



84.7150, -40.7785, 106.3669



94.7490, 20.3367, -83.0949

Square

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



84.7150, -40.7785, 106.3669



73.9620, -36.4633, -64.8647



101.6860, 49.4548, -89.1786



106.5420, 51.9908, 31.0967

Rectangle

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



84.7150, -40.7785, 106.3669



99.5970, -49.1013, 22.2784



101.6860, 49.4548, -89.1786



96.1190, 76.3563, -84.2964

Sweetspot

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



84.7150, -40.7785, 106.3669



209.3550, -14.9650, 40.0307



82.3760, 44.1846, 108.4182



100.4500, -9.0959, 24.1613



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.



84.7150, -40.7785, 106.3669



103.2470, -50.9008, 133.0874



142.8280, -69.4282, 55.4018



96.1640, -2.0529, 5.1182



67.2440, -33.1513, 86.6090



15.4710, -7.6272, 19.7579

Inverse Universe

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



123.2850, 40.7785, -106.3669



151.7530, 50.9008, -133.0874



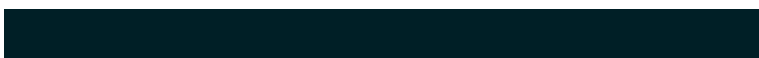
65.1720, 69.4282, -55.4018



97.8360, 2.0529, -5.1182



98.7560, 33.1513, -86.6090



22.5290, 7.6272, -19.7579

Previews

White Background



This preview shows how the YUV color 84.7150, -40.7785, 106.3669 looks on a white background.

Color Contrast Check

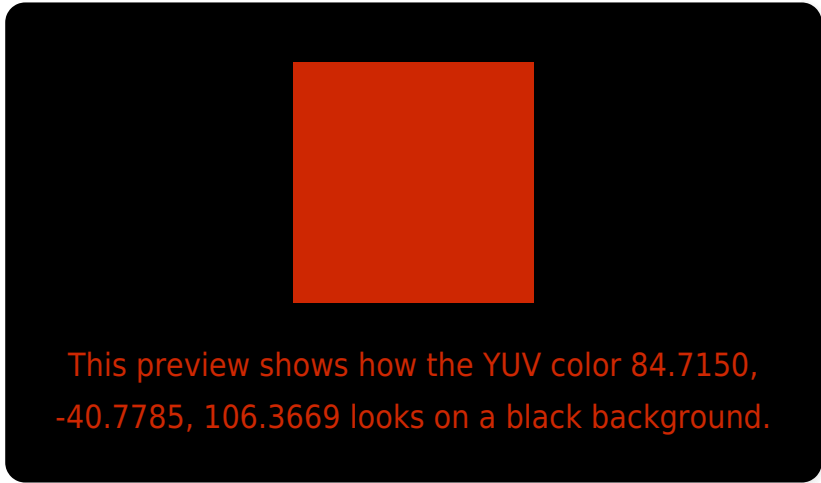
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.7150, -40.7785, 106.3669

Background



This preview shows how black text looks on a background with the YUV color 84.7150, -40.7785, 106.3669.



This preview shows how white text looks on a background with the YUV color 84.7150, -40.7785,

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

84.7150, -40.7785, 106.3669

Protanopia

102.4250, -38.1705, 16.2903

Deuteranopia

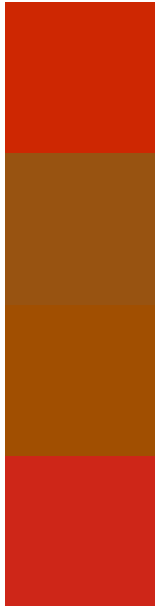
100.5380, -49.5652, 31.1002



Tritanopia

87.4170, -25.3486, 103.9973

Trichromacy



Original Color

84.7150, -40.7785, 106.3669

Protanomaly

96.1070, -38.9998, 49.0182

Deuteranomaly

94.6260, -46.1576, 58.2100

Tritanomaly

86.6360, -30.8795, 104.6822

Monochromacy



Original Color

84.7150, -40.7785, 106.3669

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7570, -14.6702, 38.8011

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7150, -40.7785, 106.3669 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, 39, 2)` looks like.

```
.text, #text, p{  
    color:rgb(206, 39, 2)  
}
```

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, 39, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 39, 2) }
```

Border

The CSS property to change the border of an element to YUV 84.7150, -40.7785, 106.3669 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, 39, 2) }
```


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

```
.border{ border-color:rgb(206, 39, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 39, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 39, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 39, 2);  
box-shadow:4px 4px 4px 4px rgb(206, 39, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.7150, -40.7785, 106.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 39, 2) }
```

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

```
.background{ background-color: rgb(206, 39,  
2) }
```

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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