

Converting Colors

YUV(107.7680, -37.8466,
99.3045)

Have a look what the booklet for
YUV(107.7680, -37.8466, 99.3045)
contains.

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Color

**YUV(107.7680, -37.8466,
99.3045)**

Conversions

Conversions Part 1

Format	Color
Hex	DD411F
RGB	221, 65, 31
RGB Percent	87%, 25%, 12%
CMY	0.1333, 0.7451, 0.8784
CMYK	0.00, 0.71, 0.86, 0.13
HSL	11°, 75%, 49%
HSV	11°, 86%, 87%
XYZ	31.9564, 19.2517, 3.3280
YIQ	107.7680, 103.8900, 22.4980

Conversions

Conversions Part 2

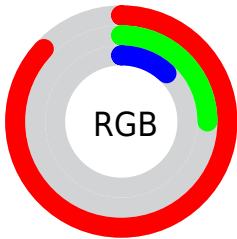
Format	Color
RYB	221, 72, 31
Decimal	14500127
CIELab	50.98, 58.97, 52.95
CIElCh	51, 79.254, 41.922
Yxy	19.2517, 0.5860, 0.3530
Android (android.graphics.Color)	4292690207 (0xFFDD411F)
YUV	107.7680, -37.8466, 99.3045
Hunter-Lab	43.8767, 53.2213, 26.2167

Details

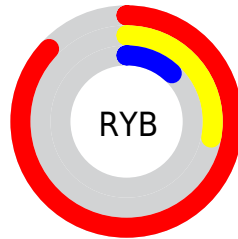
The YUV color **107.7680, -37.8466, 99.3045** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **144.2320, 37.8466, -99.3045**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9790, -37.9506, 85.9644**, and **46.9430, -23.1429, 96.5200** is the 20% darker color. If you saturate the color by 10%, you get **94.6940, -42.2471, 110.7704**, and if you desaturate by 10%, it is **120.8420, -33.4461, 87.8386**.

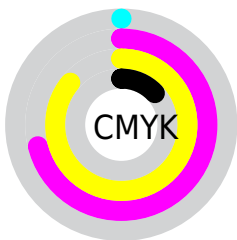
Distribution



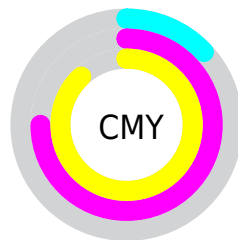
- Red (87%)
- Green (25%)
- Blue (12%)



- Red (87%)
- Yellow (28%)
- Blue (12%)



- Cyan (0%)
- Magenta (71%)
- Yellow (86%)
- Black (13%)



- Cyan (13%)
- Magenta (75%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7680, -37.8466, 99.3045 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 107.7680, -37.8466, 99.3045 by changing the saturation by 10% instead.

107.7680,
-37.8466, 99.3045

107.7680,
-37.8466, 99.3045

255.0000, 0.0000,
0.0000

75.7510, -35.3732,
99.3194

156.9790,
-37.9506, 85.9644

46.9430, -23.1429,
96.5200

176.2650,
-35.1336, 69.0506

37.3750, -18.4259,
76.8471

195.6650,
-31.8798, 52.0368

28.4050, -14.0037,
58.4038

215.7660,
-28.4786, 34.4082

19.9620, -8.8553,
40.3753

236.4540,
-25.3668, 16.2648

10.2800, -4.5750,
20.8024

250.2120,

0.0000, 0.0000,

-18.3455, 4.1991

0.0000

253.5180, -5.6784,
1.2997

107.7680,
-37.8466, 99.3045

107.7680,
-37.8466, 99.3045

94.6940, -42.2471,
110.7704

120.8420,
-33.4461, 87.8386

89.5590, -44.1526,
115.2738

133.9160,
-29.0456, 76.3727

146.9900,
-24.6451, 64.9068

160.6510,
-20.5339, 52.9261

173.8390,
-15.6966, 41.3602

■ 186.9130,
-11.2961, 29.8943

■ 199.9870, -6.8956,
18.4284

■ 213.0610, -2.4951,
6.9625

■ 226.1350, 1.9054,
-4.5034

Harmonies

Analogous

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



90.8400, 3.5299, 128.1823



107.7680, -37.8466, 99.3045



114.2810, -56.3405, 57.6356

Triad

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



107.7680, -37.8466, 99.3045



94.9530, -9.3438, -83.2738



100.0970, 76.3672, -87.7851

Complementary

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



107.7680, -37.8466, 99.3045



144.2320, 37.8466, -99.3045

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.



111.3810, 68.8322, -97.6811



107.7680, -37.8466, 99.3045



104.9220, 21.2375, -92.0166

Square

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



107.7680, -37.8466, 99.3045



92.3350, -45.5212, -52.9138



111.5170, 49.0451, -97.8004



123.4230, 49.0915, 27.6930

Rectangle

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



107.7680, -37.8466, 99.3045



113.4960, -55.9535, 26.7520



111.5170, 49.0451, -97.8004



104.7930, 74.0521, -91.9035

Sweetspot

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



107.7680, -37.8466, 99.3045



215.7780, -13.2016, 34.3977



105.8220, 41.0068, 101.0111



104.0690, -7.9220, 20.9875



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.



107.7680, -37.8466, 99.3045



103.2470, -50.9008, 133.0874



162.3590, -64.7600, 51.4282



103.4630, -2.2003, 5.7329



69.9240, -34.4725, 90.3977



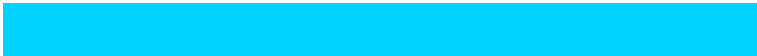
18.4500, -9.0958, 24.1614

Inverse Universe

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



144.2320, 37.8466, -99.3045



151.7530, 50.9008, -133.0874



89.6410, 64.7600, -51.4282



105.5370, 2.2003, -5.7329



103.0760, 34.4725, -90.3977



27.5500, 9.0959, -24.1613

Previews

White Background



This preview shows how the YUV color 107.7680, -37.8466, 99.3045 looks on a white 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

Black Background



This preview shows how the YUV color 107.7680, -37.8466, 99.3045 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.7680, -37.8466, 99.3045

Background



This preview shows how black text looks on a background with the YUV color 107.7680, -37.8466, 99.3045.



This preview shows how white text looks on a background with the YUV color 107.7680, -37.8466, 99.3045.

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

107.7680, -37.8466, 99.3045

Protanopia

117.4080, -35.6971, 16.3052

Deuteranopia

114.1380, -56.2700, 34.9590



Tritanopia

109.4810, -22.4221, 98.6792

Trichromacy



Original Color

107.7680, -37.8466, 99.3045

Protanomaly

113.7800, -36.3735, 46.6739

Deuteranomaly

111.4150, -49.5046, 58.3950

Tritanomaly

108.7000, -27.9531, 99.3641

Monochromacy



Original Color

107.7680, -37.8466, 99.3045

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.6750, -13.6438, 36.2420

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7680, -37.8466, 99.3045 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(221, 65, 31)` looks like.

```
.text, #text, p{  
    color:rgb(221, 65, 31)  
}
```

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(221, 65, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 65, 31) }
```

Border

The CSS property to change the border of an element to YUV 107.7680, -37.8466, 99.3045 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(221, 65, 31) }
```


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

```
.border{ border-color:rgb(221, 65, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 65, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 65, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 65, 31);  
box-shadow:4px 4px 4px 4px rgb(221, 65,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 107.7680, -37.8466, 99.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 65, 31) }
```

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

```
.background{ background-color: rgb(221, 65,  
31) }
```

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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