

Converting Colors

YUV(111.6850, -38.7917,
75.6983)

Have a look what the booklet for
YUV(111.6850, -38.7917, 75.6983)
contains.

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Color

**YUV(111.6850, -38.7917,
75.6983)**

Conversions

Conversions Part 1

Format	Color
Hex	C65321
RGB	198, 83, 33
RGB Percent	78%, 33%, 13%
CMY	0.2235, 0.6745, 0.8706
CMYK	0.00, 0.58, 0.83, 0.22
HSL	18°, 71%, 45%
HSV	18°, 83%, 78%
XYZ	26.6565, 18.3021, 3.5665
YIQ	111.6850, 84.5900, 8.8300

Conversions

Conversions Part 2

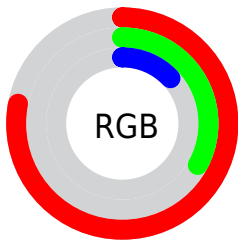
Format	Color
R_{YB}	198, 105, 33
Decimal	12997409
CIE _{Lab}	49.86, 43.40, 49.56
CIE _{LCh}	50, 65.879, 48.790
Yxy	18.3021, 0.5493, 0.3772
Android (android.graphics.Color)	4291187489 (0xFFC65321)
YUV	111.6850, -38.7917, 75.6983
Hunter-Lab	42.7809, 36.3553, 25.0038

Details

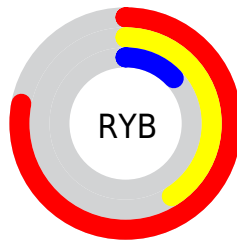
The YUV color **111.6850, -38.7917, 75.6983** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **119.3150, 38.7917, -75.6983**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4250, -41.1285, 78.5573**, and **58.5730, -28.8765, 68.7805** is the 20% darker color. If you saturate the color by 10%, you get **101.1870, -43.4762, 84.9050**, and if you desaturate by 10%, it is **122.1830, -34.1072, 66.4915**.

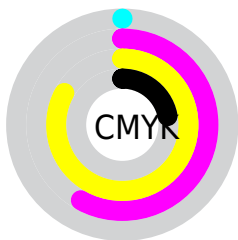
Distribution



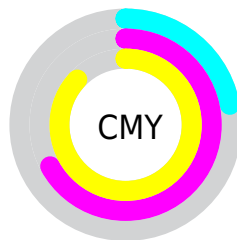
- Red (78%)
- Green (33%)
- Blue (13%)



- Red (78%)
- Yellow (41%)
- Blue (13%)



- Cyan (0%)
- Magenta (58%)
- Yellow (83%)
- Black (22%)



- Cyan (22%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6850, -38.7917, 75.6983 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 111.6850, -38.7917, 75.6983 by changing the saturation by 10% instead.

■ 111.6850,
-38.7917, 75.6983

■ 111.6850,
-38.7917, 75.6983

■ 255.0000, 0.0000,
0.0000

■ 83.9620, -38.9283,
72.8243

■ 165.4250,
-41.1285, 78.5573

■ 58.5730, -28.8765,
68.7805

■ 184.1240,
-38.0221, 62.1583

■ 31.9930, -15.7725,
65.7811

■ 203.5240,
-34.7683, 45.1445

■ 23.0230, -11.3503,
47.3378

■ 223.0380,
-31.0777, 28.0307

■ 15.7760, -6.7916,
31.7684

■ 243.2530,
-27.2397, 10.3021

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.7460, -4.8048,
1.0998

111.6850,
-38.7917, 75.6983

111.6850,
-38.7917, 75.6983

101.1870,
-43.4762, 84.9050

122.1830,
-34.1072, 66.4915

94.4220, -46.5500,
90.8379

132.6810,
-29.4227, 57.2848

142.4780,
-24.8857, 48.6928

152.9760,
-20.2012, 39.4860

163.4740,
-15.5167, 30.2793

■ 173.9720,
-10.8322, 21.0726

■ 184.4700, -6.1477,
11.8658

■ 194.2670, -1.6106,
3.2738

■ 204.7650, 3.0739,
-5.9329

Harmonies

Analogous

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



108.4340, -11.0600, 94.3354



111.6850, -38.7917, 75.6983



112.1220, -55.2761, 42.8660

Triad

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



111.6850, -38.7917, 75.6983



94.1840, 0.4023, -82.5994



110.9320, 56.7285, -42.0364

Complementary

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



111.6850, -38.7917, 75.6983



119.3150, 38.7917, -75.6983

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.



103.0030, 62.1165, -90.3336



111.6850, -38.7917, 75.6983



101.9700, 25.1578, -89.4277

Square

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



111.6850, -38.7917, 75.6983



93.1940, -28.1966, -56.2981



105.7950, 47.4291, -92.7822



121.5200, 35.2396, 37.2550

Rectangle

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



111.6850, -38.7917, 75.6983



109.2990, -53.8844, 16.4008



105.7950, 47.4291, -92.7822



96.6600, 65.7366, -84.7708

Sweetspot

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



111.6850, -38.7917, 75.6983



221.8760, -15.2219, 29.0497



95.5590, 26.3464, 89.8408



107.7050, -9.2216, 17.7987



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.



111.6850, -38.7917, 75.6983



121.4440, -59.8719, 117.1286



159.8190, -62.5218, 33.4847



94.4520, -2.1948, 3.9886



77.5000, -38.2075, 74.9835



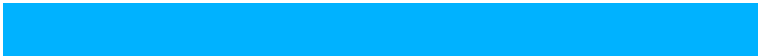
17.2210, -8.4900, 16.4692

Inverse Universe

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



119.3150, 38.7917, -75.6983



133.5560, 59.8719, -117.1286



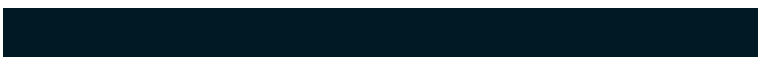
71.1810, 62.5218, -33.4847



94.5480, 2.1948, -3.9886



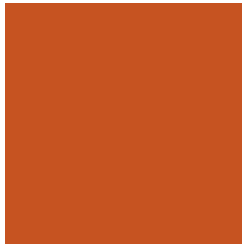
85.5000, 38.2075, -74.9835



18.7790, 8.4900, -16.4692

Previews

White Background



This preview shows how the YUV color 111.6850, -38.7917, 75.6983 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 111.6850, -38.7917, 75.6983 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 111.6850, -38.7917, 75.6983

Background



This preview shows how black text looks on a background with the YUV color 111.6850, -38.7917, 75.6983.



This preview shows how white text looks on a background with the YUV color 111.6850, -38.7917, 75.6983.

75.6983.

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

111.6850, -38.7917, 75.6983

Protanopia

114.4080, -35.6971, 16.3052

Deuteranopia

113.4610, -46.0763, 32.0447



Tritanopia

115.0480, -15.7997, 74.5029

Trichromacy



Original Color

111.6850, -38.7917, 75.6983

Protanomaly

113.6110, -36.7832, 38.0522

Deuteranomaly

112.6570, -43.2149, 47.6588

Tritanomaly

113.8710, -24.0934, 74.6581

Monochromacy



Original Color

111.6850, -38.7917, 75.6983

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.5060, -14.0535, 27.6202

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6850, -38.7917, 75.6983 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(198, 83, 33)` looks like.

```
.text, #text, p{  
    color:rgb(198, 83, 33)  
}
```

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(198, 83, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 83, 33) }
```

Border

The CSS property to change the border of an element to YUV 111.6850, -38.7917, 75.6983 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(198, 83, 33) }
```


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

```
.border{ border-color:rgb(198, 83, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 83, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 83, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 83, 33);  
box-shadow:4px 4px 4px 4px rgb(198, 83,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 111.6850, -38.7917, 75.6983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 83, 33) }
```

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

```
.background{ background-color: rgb(198, 83,  
33) }
```

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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