

Converting Colors

YUV(110.6690, -21.0358,
73.9583)

Have a look what the booklet for
YUV(110.6690, -21.0358, 73.9583)
contains.

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Color

**YUV(110.6690, -21.0358,
73.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	C34C44
RGB	195, 76, 68
RGB Percent	76%, 30%, 27%
CMY	0.2353, 0.7020, 0.7333
CMYK	0.00, 0.61, 0.65, 0.24
HSL	4°, 51%, 52%
HSV	4°, 65%, 76%
XYZ	26.1335, 17.1883, 7.4091
YIQ	110.6690, 73.4920, 22.7400

Conversions

Conversions Part 2

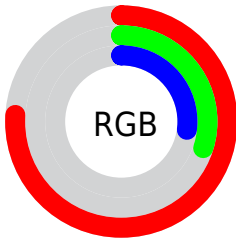
Format	Color
RYB	195, 77, 68
Decimal	12799044
CIELab	48.50, 47.13, 29.55
CIELCh	48, 55.625, 32.088
Yxy	17.1883, 0.5151, 0.3388
Android (android.graphics.Color)	4290989124 (0xFFC34C44)
YUV	110.6690, -21.0358, 73.9583
Hunter-Lab	41.4588, 39.9643, 18.4254

Details

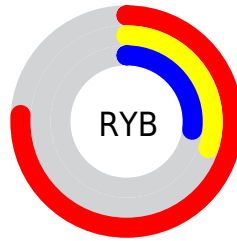
The YUV color **110.6690, -21.0358, 73.9583** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **152.3310, 21.0358, -73.9583**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1920, -24.2517, 78.7616**, and **53.6670, -14.6258, 71.3290** is the 20% darker color. If you saturate the color by 10%, you get **97.9370, -24.1259, 85.1243**, and if you desaturate by 10%, it is **123.5150, -17.5089, 62.6923**.

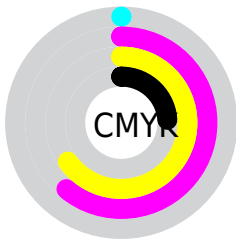
Distribution



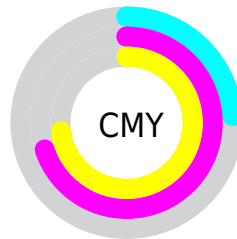
- Red (76%)
- Green (30%)
- Blue (27%)



- Red (76%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (65%)
- Black (24%)



- Cyan (24%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.6690, -21.0358, 73.9583 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 110.6690, -21.0358, 73.9583 by changing the saturation by 10% instead.

■ 110.6690,
-21.0358, 73.9583

■ 110.6690,
-21.0358, 73.9583

255.0000, 0.0000,
0.0000

■ 83.3420, -18.4096,
71.6141

■ 165.1920,
-24.2517, 78.7616

■ 53.6670, -14.6258,
71.3290

■ 184.5920,
-20.9979, 61.7478

■ 31.6940, -15.6251,
65.1664

■ 204.1060,
-17.3073, 44.6340

■ 23.0230, -11.3503,
47.3378

■ 223.6200,
-13.6167, 27.5203

■ 15.1780, -6.4968,
30.5389

■ 243.8350, -9.7787,
9.7917

■ 0.0000, 0.0000,
0.0000

254.7720, -0.8736,

0.2000

■ 110.6690,
-21.0358, 73.9583

■ 110.6690,
-21.0358, 73.9583

■ 97.9370, -24.1259,
85.1243

■ 123.5150,
-17.5089, 62.6923

■ 84.5040, -27.3635,
96.9050

■ 136.8340,
-14.7082, 51.0116

■ 71.7720, -30.4536,
108.0710

■ 149.6800,
-11.1812, 39.7456

■ 65.3490, -32.2171,
113.7039

■ 162.4120, -8.0911,
28.5797

■ 175.2580, -4.5642,
17.3137

■ 188.5770, -1.7635,
5.6330

■ 201.4230, 1.7635,
-5.6330

■ 214.1550, 4.8536,
-16.7989

■ 226.8870, 7.9437,
-27.9649

Harmonies

Analogous

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



111.5270, 1.2192, 75.8368



110.6690, -21.0358, 73.9583



110.8580, -41.3420, 53.6215

Triad

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



110.6690, -21.0358, 73.9583



86.5240, -8.6393, -75.8815



94.3800, 57.0007, -82.7713

Complementary

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



110.6690, -21.0358, 73.9583



152.3310, 21.0358, -73.9583

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.



99.4690, 48.5758, -87.2343



110.6690, -21.0358, 73.9583



93.7570, 11.4588, -82.2249

Square

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



110.6690, -21.0358, 73.9583



103.2980, -39.0939, -14.2933



98.5280, 32.2777, -86.4091



117.0980, 38.4057, 1.6681

Rectangle

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



110.6690, -21.0358, 73.9583



108.3490, -52.9231, 34.7739



98.5280, 32.2777, -86.4091



96.6140, 55.4063, -84.7305

Sweetspot

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



110.6690, -21.0358, 73.9583



218.7110, -8.2385, 29.1945



119.7670, 34.1319, 65.9793



107.4430, -5.1484, 18.0285



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.



110.6690, -21.0358, 73.9583



121.6480, -32.3645, 114.3187



147.0630, -38.9781, 42.0407



90.5770, -1.7635, 5.6330



54.0090, -26.6264, 93.8311



11.0410, -5.4432, 19.2580

Inverse Universe

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



152.3310, 21.0358, -73.9583



186.3520, 32.3645, -114.3187



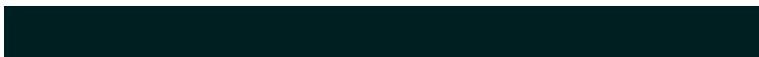
115.9370, 38.9781, -42.0407



93.4230, 1.7635, -5.6330



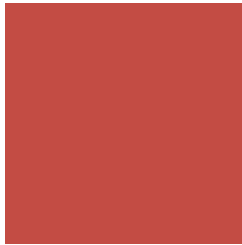
106.9910, 26.6264, -93.8311



21.9590, 5.4432, -19.2580

Previews

White Background



This preview shows how the YUV color 110.6690, -21.0358, 73.9583 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 110.6690, -21.0358, 73.9583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

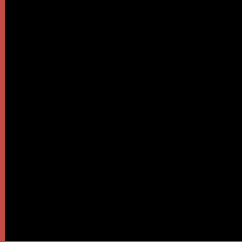
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.6690, -21.0358, 73.9583

Background



This preview shows how black text looks on a background with the YUV color 110.6690, -21.0358, 73.9583.



This preview shows how white text looks on a background with the YUV color 110.6690, -21.0358, 73.9583.

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

110.6690, -21.0358, 73.9583

Protanopia

114.9290, -15.7410, 8.8323

Deuteranopia

114.0960, -25.6833, 24.4718



Tritanopia

111.0480, -15.7997, 74.5029

Trichromacy



Original Color

110.6690, -21.0358, 73.9583

Protanomaly

113.0290, -17.2693, 32.4236

Deuteranomaly

112.9610, -24.1378, 42.1302

Tritanomaly

111.1790, -17.8362, 74.3880

Monochromacy



Original Color

110.6690, -21.0358, 73.9583

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8140, -7.7963, 27.3501

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.6690, -21.0358, 73.9583 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(195, 76, 68)` looks like.

```
.text, #text, p{  
    color:rgb(195, 76, 68)  
}
```

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(195, 76, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 76, 68) }
```

Border

The CSS property to change the border of an element to YUV 110.6690, -21.0358, 73.9583 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(195, 76, 68) }
```


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

```
.border{ border-color:rgb(195, 76, 68) }
```

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

Here you see how a box with a 4 pixel rgb(195, 76, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 76, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 76, 68);  
box-shadow:4px 4px 4px 4px rgb(195, 76,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 110.6690, -21.0358, 73.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 76, 68) }
```

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

```
.background{ background-color: rgb(195, 76,  
68) }
```

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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