

Converting Colors

YUV(102.3670, -22.8589,
98.7791)

Have a look what the booklet for
YUV(102.3670, -22.8589, 98.7791)
contains.

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Color

**YUV(102.3670, -22.8589,
98.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	D73638
RGB	215, 54, 56
RGB Percent	84%, 21%, 22%
CMY	0.1569, 0.7882, 0.7804
CMYK	0.00, 0.75, 0.74, 0.16
HSL	359°, 67%, 53%
HSV	359°, 75%, 84%
XYZ	30.0573, 17.3709, 5.5101
YIQ	102.3670, 95.3140, 34.7540

Conversions

Conversions Part 2

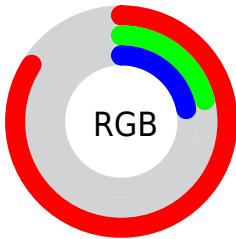
Format	Color
RYB	215, 54, 56
Decimal	14104120
CIELab	48.72, 61.67, 37.62
CIElCh	49, 72.234, 31.383
Yxy	17.3709, 0.5678, 0.3281
Android (android.graphics.Color)	4292294200 (0xFFD73638)
YUV	102.3670, -22.8589, 98.7791
Hunter-Lab	41.6784, 55.7918, 21.3365

Details

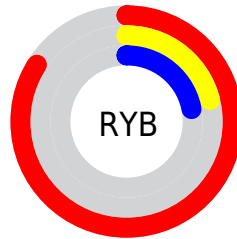
The YUV color **102.3670, -22.8589, 98.7791** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **166.6330, 22.8589, -98.7791**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3180, -25.2998, 88.2981**, and **46.9300, -16.7275, 92.1464** is the 20% darker color. If you saturate the color by 10%, you get **87.6460, -25.9545, 111.6895**, and if you desaturate by 10%, it is **117.6750, -20.0528, 85.3540**.

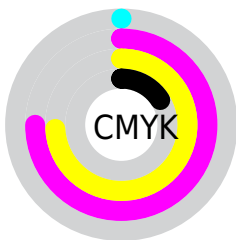
Distribution



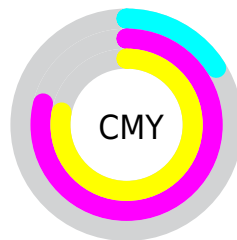
- Red (84%)
- Green (21%)
- Blue (22%)



- Red (84%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (16%)



- Cyan (16%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.3670, -22.8589, 98.7791 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 102.3670, -22.8589, 98.7791 by changing the saturation by 10% instead.

■ 102.3670,
-22.8589, 98.7791

■ 102.3670,
-22.8589, 98.7791

■ 255.0000, 0.0000,
0.0000

■ 66.2240, -15.8864,
102.4126

■ 154.3180,
-25.2998, 88.2981

■ 46.9300, -16.7275,
92.1464

■ 173.7180,
-22.0460, 71.2843

■ 36.1790, -17.8362,
74.3880

■ 193.7050,
-19.0816, 53.7557

■ 26.9100, -13.2666,
55.3299

■ 213.8060,
-15.6804, 36.1271

■ 18.8800, -7.8288,
37.8162

■ 234.0210,
-11.8424, 18.3986

■ 7.8880, -3.3958,
15.8842

■ 253.0620, -7.4256,

■ 0.0000, 0.0000,

1.6996

0.0000

■ 102.3670,
-22.8589, 98.7791

■ 102.3670,
-22.8589, 98.7791

■ 87.6460, -25.9545,
111.6895

■ 117.6750,
-20.0528, 85.3540

■ 72.3380, -28.7606,
125.1146

■ 132.3960,
-16.9572, 72.4437

■ 64.6270, -30.3821,
131.8771

■ 147.2310,
-13.4249, 59.4334

■ 162.5390,
-10.6187, 46.0083

■ 177.8470, -7.8126,
32.5832

■ 192.5680, -4.7170,
19.6729

■ 207.9900, -1.4741,
6.1478

■ 222.7110, 1.6215,
-6.7625

■ 238.0190, 4.4276,
-20.1877

Harmonies

Analogous

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



97.4890, 9.1259, 106.5651



102.3670, -22.8589, 98.7791



107.5580, -53.0261, 67.9166

Triad

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



102.3670, -22.8589, 98.7791



86.9340, -17.2225, -76.2411



99.5610, 69.2364, -87.3150

Complementary

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



102.3670, -22.8589, 98.7791



166.6330, 22.8589, -98.7791

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.



105.9550, 58.1962, -92.9225



102.3670, -22.8589, 98.7791



96.6920, 10.0118, -84.7989

Square

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



102.3670, -22.8589, 98.7791



98.7350, -48.6764, -20.8156



103.6460, 36.6565, -90.8975



116.2080, 51.6625, -3.6904

Rectangle

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



102.3670, -22.8589, 98.7791



109.1540, -53.8129, 40.2069



103.6460, 36.6565, -90.8975



102.8550, 66.6265, -90.2038

Sweetspot

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



102.3670, -22.8589, 98.7791



215.8580, -7.8180, 34.3275



119.5960, 47.0342, 81.0383



104.2800, -4.5750, 20.8024



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.



102.3670, -22.8589, 98.7791



94.1120, -32.5932, 141.0988



147.9250, -46.3050, 58.8248



99.4030, -1.1847, 6.6626



51.3570, -24.3330, 104.9269



12.9710, -5.9017, 26.3354

Inverse Universe

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



102.3670, -22.8589, 98.7791



94.1120, -32.5932, 141.0988



121.0750, 46.3050, -58.8248



99.4030, -1.1847, 6.6626



51.3570, -24.3330, 104.9269



12.9710, -5.9017, 26.3354

Previews

White Background



This preview shows how the YUV color 102.3670, -22.8589, 98.7791 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 102.3670, -22.8589, 98.7791 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 102.3670, -22.8589, 98.7791

Background



This preview shows how black text looks on a background with the YUV color 102.3670, -22.8589, 98.7791.



This preview shows how white text looks on a background with the YUV color 102.3670, -22.8589, 98.7791.

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

102.3670, -22.8589, 98.7791

Protanopia

114.4300, -18.9460, 10.1469

Deuteranopia

113.7560, -33.4037, 27.4010



Tritanopia

102.3670, -22.8589, 98.7791

Trichromacy



Original Color

102.3670, -22.8589, 98.7791

Protanomaly

109.6990, -20.0646, 42.3600

Deuteranomaly

109.3600, -29.2645, 53.1813

Tritanomaly

102.3670, -22.8589, 98.7791

Monochromacy



Original Color

102.3670, -22.8589, 98.7791

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.3420, -8.5496, 35.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.3670, -22.8589, 98.7791 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(215, 54, 56)` looks like.

```
.text, #text, p{  
    color:rgb(215, 54, 56)  
}
```

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(215, 54, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 54, 56) }
```

Border

The CSS property to change the border of an element to YUV 102.3670, -22.8589, 98.7791 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(215, 54, 56) }
```


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

```
.border{ border-color:rgb(215, 54, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 54, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 54, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 54, 56);  
box-shadow:4px 4px 4px 4px rgb(215, 54,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 102.3670, -22.8589, 98.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 54, 56) }
```

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

```
.background{ background-color: rgb(215, 54,  
56) }
```

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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