

Converting Colors

YUV(51.3670, -22.8589,
98.7791)

Have a look what the booklet for
YUV(51.3670, -22.8589, 98.7791)
contains.

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Color

**YUV(51.3670, -22.8589,
98.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	A40305
RGB	164, 3, 5
RGB Percent	64%, 1%, 2%
CMY	0.3569, 0.9882, 0.9804
CMYK	0.00, 0.98, 0.97, 0.36
HSL	359°, 96%, 33%
HSV	359°, 98%, 64%
XYZ	15.3698, 7.9686, 0.8716
YIQ	51.3670, 95.3140, 34.7540

Conversions

Conversions Part 2

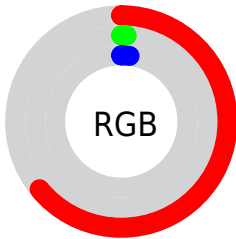
Format	Color
RYB	164, 3, 5
Decimal	10748677
CIELab	33.92, 57.24, 46.01
CIELCh	34, 73.442, 38.792
Yxy	7.9686, 0.6349, 0.3291
Android (android.graphics.Color)	4288938757 (0xFFA40305)
YUV	51.3670, -22.8589, 98.7791
Hunter-Lab	28.2287, 47.7884, 17.9294

Details

The YUV color **51.3670, -22.8589, 98.7791** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **115.6330, 22.8589, -98.7791**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0000, -33.0310, 94.7160**, and **30.4980, -15.0355, 62.7073** is the 20% darker color. If you saturate the color by 10%, you get **49.2640, -23.3012, 100.6235**, and if you desaturate by 10%, it is **62.5830, -20.5004, 88.9427**.

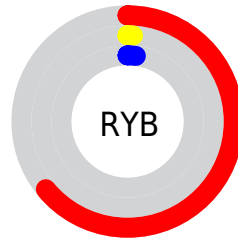
Distribution



Red (64%)

Green (1%)

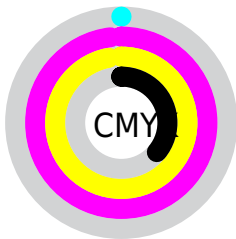
Blue (2%)



Red (64%)

Yellow (1%)

Blue (2%)

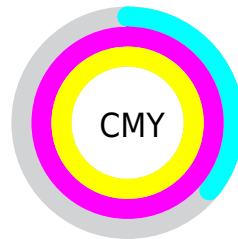


Cyan (0%)

Magenta (98%)

Yellow (97%)

Black (36%)



Cyan (36%)


Magenta (99%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 51.3670, -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 51.3670, -22.8589, 98.7791 by changing the saturation by 10% instead.


 51.3670, -22.8589,
98.7791

 51.3670, -22.8589,
98.7791


 252.7200, -8.7360,
1.9996


 39.7670, -19.6051,
81.7653


 119.0000,
-33.0310, 94.7160


 30.4980, -15.0355,
62.7073

 146.5440,
-34.7782, 95.1159


 21.6420, -10.1765,
44.1640

 165.1290,
-32.1086, 78.8169

 12.9710, -5.9017,
26.3354

 185.1160,
-29.1442, 61.2883


 0.0000, 0.0000,
0.0000


 204.5160,
-25.8904, 44.2745


 224.6170,


-22.4892, 26.6459


 245.4190,
-18.9406, 8.4025


 51.3670, -22.8589,
98.7791


 51.3670, -22.8589,
98.7791


 49.2640, -23.3012,
100.6235

 62.5830, -20.5004,
88.9427

 74.3860, -18.4313,
78.5915

 85.7160, -15.6360,
68.6551

 97.5190, -13.5669,
58.3038

 108.7350,
-11.2084, 48.4674

■ 119.9510, -8.8498,
38.6310

■ 131.7540, -6.7807,
28.2797

■ 143.0840, -3.9854,
18.3433

■ 154.8870, -1.9163,
7.9921

Harmonies

Analogous

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



60.1480, 2.8850, 101.6022



51.3670, -22.8589, 98.7791



74.3890, -36.6738, 49.6478

Triad

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



51.3670, -22.8589, 98.7791



62.4620, -14.5248, -54.7792



71.2930, 62.4666, -62.5240

Complementary

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



51.3670, -22.8589, 98.7791



115.6330, 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.



79.1860, 54.6313, -69.4461



51.3670, -22.8589, 98.7791



70.8180, 12.4147, -62.1074

Square

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



51.3670, -22.8589, 98.7791



55.7650, -27.4921, -48.9059



77.3160, 37.3122, -67.8061



78.8360, 45.9299, 15.0528

Rectangle

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



51.3670, -22.8589, 98.7791



75.0990, -37.0238, 21.8382



77.3160, 37.3122, -67.8061



74.9290, 61.1670, -65.7127

Sweetspot

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



51.3670, -22.8589, 98.7791



170.6520, -8.7024, 38.0162



68.5960, 47.0342, 81.0383



81.0630, -5.4541, 22.7467



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.3670, -22.8589, 98.7791



64.3280, -30.2347, 131.2623



96.9250, -46.3050, 58.8248



75.8050, -0.8899, 5.4330



43.5830, -20.5004, 88.9427



5.3820, -2.6533, 11.0660

Inverse Universe

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



51.3670, -22.8589, 98.7791



64.3280, -30.2347, 131.2623



70.0750, 46.3050, -58.8248



75.8050, -0.8899, 5.4330



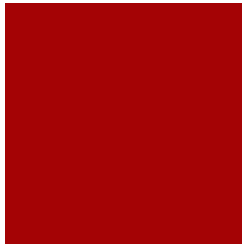
43.5830, -20.5004, 88.9427



5.3820, -2.6533, 11.0660

Previews

White Background



This preview shows how the YUV color 51.3670, -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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 51.3670, -22.8589, 98.7791

Background



This preview shows how black text looks on a background with the YUV color 51.3670, -22.8589, 98.7791.



This preview shows how white text looks on a background with the YUV color 51.3670, -22.8589,

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

51.3670, -22.8589, 98.7791

Protanopia

79.0360, -28.1187, 12.2464

Deuteranopia

77.4690, -38.1922, 23.2677



Tritanopia

57.5420, -28.3682, 92.4867

Trichromacy



Original Color

51.3670, -22.8589, 98.7791

Protanomaly

69.1030, -26.1798, 43.7597

Deuteranomaly

67.8390, -32.4586, 51.0072

Tritanomaly

55.4220, -26.3370, 94.3459

Monochromacy



Original Color

51.3670, -22.8589, 98.7791

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.3420, -8.5496, 35.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.3670, -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(164, 3, 5)` looks like.

```
.text, #text, p{  
    color:rgb(164, 3, 5)  
}
```

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(164, 3, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 3, 5) }
```

Border

The CSS property to change the border of an element to YUV 51.3670, -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(164, 3, 5) }
```


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

```
.border{ border-color:rgb(164, 3, 5) }
```

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

Here you see how a box with a 4 pixel rgb(164, 3, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 3, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(164, 3, 5); box-shadow:4px  
4px 4px 4px rgb(164, 3, 5) }
```

Background

The CSS property to change the background color of an element to YUV 51.3670, -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(164, 3, 5) }
```

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

```
.background{ background-color: rgb(164, 3,  
5) }
```

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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