

Converting Colors

YUV(70.1390, -23.7325,
98.9791)

Have a look what the booklet for
YUV(70.1390, -23.7325, 98.9791)
contains.

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Color

**YUV(70.1390, -23.7325,
98.9791)**

Conversions

Conversions Part 1

Format	Color
Hex	B71616
RGB	183, 22, 22
RGB Percent	72%, 9%, 9%
CMY	0.2824, 0.9137, 0.9137
CMYK	0.00, 0.88, 0.88, 0.28
HSL	0°, 79%, 40%
HSV	0°, 88%, 72%
XYZ	19.9602, 10.6990, 1.7722
YIQ	70.1390, 95.9560, 34.1320

Conversions

Conversions Part 2

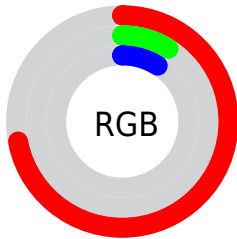
Format	Color
R_{YB}	183, 22, 22
Decimal	11998742
CIE Lab	39.07, 59.83, 44.26
CIE LCh	39, 74.424, 36.493
Yxy	10.6990, 0.6155, 0.3299
Android (android.graphics.Color)	4290188822 (0xFFB71616)
YUV	70.1390, -23.7325, 98.9791
Hunter-Lab	32.7094, 51.6843, 19.6843

Details

The YUV color **70.1390, -23.7325, 98.9791** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **134.8610, 23.7325, -98.9791**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2610, -32.1737, 99.7491**, and **35.8800, -17.6888, 73.7732** is the 20% darker color. If you saturate the color by 10%, you get **57.5210, -26.3859, 110.0451**, and if you desaturate by 10%, it is **82.7570, -21.0792, 87.9131**.

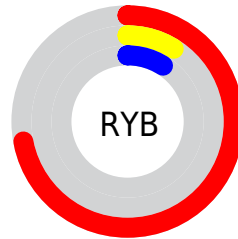
Distribution



Red (72%)

Green (9%)

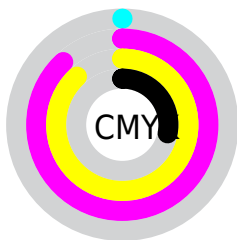
Blue (9%)



Red (72%)

Yellow (9%)

Blue (9%)

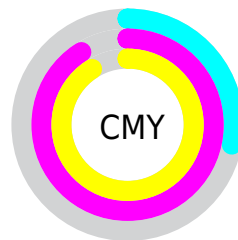


Cyan (0%)

Magenta (88%)

Yellow (88%)

Black (28%)



Cyan (28%)


Magenta (91%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.1390, -23.7325, 98.9791 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 70.1390, -23.7325, 98.9791 by changing the saturation by 10% instead.


 70.1390, -23.7325,
98.9791

 70.1390, -23.7325,
98.9791


254.8860, -0.4368,
0.1000


 45.4480, -22.4059,
93.4461


 133.2610,
-32.1737, 99.7491

 35.8800, -17.6888,
73.7732


 154.8250,
-30.9727, 87.8535


 26.9100, -13.2666,
55.3299

 174.1110,
-28.1557, 70.9397

 18.8800, -7.8288,
37.8162

 194.0980,
-25.1913, 53.4111


 7.8880, -3.3958,
15.8842


 213.6120,
-21.5007, 36.2973


 0.0000, 0.0000,
0.0000


 234.3000,


-18.3889, 18.1539


 251.5800,
-13.1039, 2.9993


 70.1390, -23.7325,
98.9791

 70.1390, -23.7325,
98.9791


 57.5210, -26.3859,
110.0451


 82.7570, -21.0792,
87.9131

 54.7170, -26.9755,
112.5042

 96.0760, -18.2785,
76.2323

 108.6940,
-15.6251, 65.1664

 121.3120,
-12.9718, 54.1004

 133.9300,
-10.3185, 43.0344

■ 147.2490, -7.5178,
31.3536

■ 159.8670, -4.8644,
20.2876

■ 172.4850, -2.2111,
9.2217

■ 185.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



67.0550, 7.3679, 110.4538



70.1390, -23.7325, 98.9791



85.9400, -42.3684, 56.1806

Triad

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



70.1390, -23.7325, 98.9791



70.7770, -15.6661, -62.0714



81.4490, 65.8406, -71.4308

Complementary

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



70.1390, -23.7325, 98.9791



134.8610, 23.7325, -98.9791

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.



88.5270, 57.4212, -77.6382



70.1390, -23.7325, 98.9791



79.9480, 11.8576, -70.1144

Square

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



70.1390, -23.7325, 98.9791



70.5830, -34.7974, -39.0993



86.6740, 37.6287, -76.0131



92.4870, 48.5669, 9.2199

Rectangle

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



70.1390, -23.7325, 98.9791



86.6500, -42.7184, 28.3710



86.6740, 37.6287, -76.0131



84.9710, 64.1043, -74.5196

Sweetspot

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



70.1390, -23.7325, 98.9791



193.5380, -9.1392, 38.1162



88.4930, 46.5920, 82.8826



94.0630, -5.4541, 22.7467



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



70.1390, -23.7325, 98.9791



70.8630, -34.9355, 145.7021



117.6860, -47.1732, 57.2804



85.6910, -1.3267, 5.5330



46.6440, -22.9955, 95.9052



8.3720, -4.1274, 17.2138

Inverse Universe

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



134.8610, 23.7325, -98.9791



166.1370, 34.9355, -145.7021



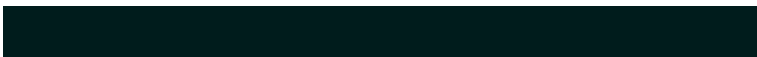
87.9010, 46.8838, -57.7952



89.3090, 1.3267, -5.5330



109.3560, 22.9955, -95.9052



19.6280, 4.1274, -17.2138

Previews

White Background



This preview shows how the YUV color 70.1390, -23.7325, 98.9791 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 70.1390, -23.7325, 98.9791 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 70.1390, -23.7325, 98.9791

Background



This preview shows how black text looks on a background with the YUV color 70.1390, -23.7325, 98.9791.



This preview shows how white text looks on a background with the YUV color 70.1390, -23.7325,

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

70.1390, -23.7325, 98.9791

Protanopia

90.6060, -25.9348, 11.7465

Deuteranopia

87.5250, -43.1498, 26.7266



Tritanopia

70.2700, -25.7691, 98.8642

Trichromacy



Original Color

70.1390, -23.7325, 98.9791

Protanomaly

83.3310, -25.3062, 43.5597

Deuteranomaly

81.5250, -36.2478, 53.0366

Tritanomaly

70.3840, -25.3323, 98.7642

Monochromacy



Original Color

70.1390, -23.7325, 98.9791

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.3420, -8.5496, 35.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1390, -23.7325, 98.9791 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(183, 22, 22)` looks like.

```
.text, #text, p{  
    color:rgb(183, 22, 22)  
}
```

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(183, 22, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 22, 22) }
```

Border

The CSS property to change the border of an element to YUV 70.1390, -23.7325, 98.9791 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(183, 22, 22) }
```


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

```
.border{ border-color:rgb(183, 22, 22) }
```

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

Here you see how a box with a 4 pixel rgb(183, 22, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 22, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 22, 22);  
box-shadow:4px 4px 4px 4px rgb(183, 22,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 70.1390, -23.7325, 98.9791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 22, 22) }
```

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

```
.background{ background-color: rgb(183, 22,  
22) }
```

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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