

Converting Colors

YUV(73.2200, 10.2445, 74.3521)

Have a look what the booklet for
YUV(73.2200, 10.2445, 74.3521)
contains.

YUV(73.2200, 10.2445, 74.3521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.2200, 10.2445,
74.3521)**

Conversions

Conversions Part 1

Format	Color
Hex	9E1A5E
RGB	158, 26, 94
RGB Percent	62%, 10%, 37%
CMY	0.3804, 0.8980, 0.6314
CMYK	0.00, 0.84, 0.41, 0.38
HSL	329°, 72%, 36%
HSV	329°, 84%, 62%
XYZ	16.4903, 8.8160, 11.4222
YIQ	73.2200, 56.8440, 49.1320

Conversions

Conversions Part 2

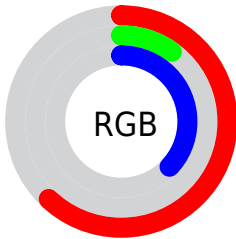
Format	Color
RYB	158, 26, 94
Decimal	10361438
CIELab	35.63, 56.34, -5.31
CIELCh	36, 56.586, 354.614
Yxy	8.8160, 0.4490, 0.2400
Android (android.graphics.Color)	4288551518 (0xFF9E1A5E)
YUV	73.2200, 10.2445, 74.3521
Hunter-Lab	29.6918, 47.1751, -2.0241

Details

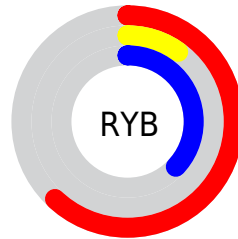
The YUV color **73.2200, 10.2445, 74.3521** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **110.7800, -10.2445, -74.3521**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3680, 5.7346, 74.2223**, and **35.6710, 6.0782, 57.2935** is the 20% darker color. If you saturate the color by 10%, you get **62.9160, 11.3804, 83.3887**, and if you desaturate by 10%, it is **83.5240, 9.1087, 65.3155**.

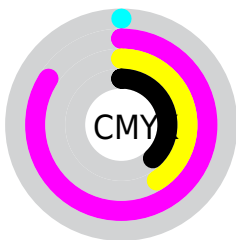
Distribution



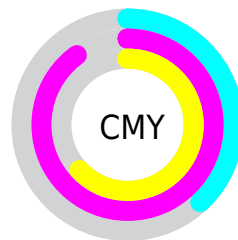
- Red (62%)
- Green (10%)
- Blue (37%)



- Red (62%)
- Yellow (10%)
- Blue (37%)



- Cyan (0%)
- Magenta (84%)
- Yellow (41%)
- Black (38%)



- Cyan (38%)
- Magenta (90%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2200, 10.2445, 74.3521 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 73.2200, 10.2445, 74.3521 by changing the saturation by 10% instead.

73.2200, 10.2445,
74.3521

73.2200, 10.2445,
74.3521

255.0000, 0.0000,
0.0000

46.5510, 11.5604,
72.3078

132.3680, 5.7346,
74.2223

35.6710, 6.0782,
57.2935

160.8520, 5.0030,
75.5518

25.2040, 0.8854,
42.7941

182.1710, 7.8037,
63.8710

14.5800, -6.2019,
29.3093

201.7990, 11.9311,
46.6573

0.0000, 0.0000,
0.0000

222.1280, 16.2059,
28.8287

239.1510, 7.8136,

13.8996

■ 73.2200, 10.2445,
74.3521

■ 73.2200, 10.2445,
74.3521

■ 62.9160, 11.3804,
83.3887

■ 83.5240, 9.1087,
65.3155

■ 56.4760, 12.0903,
89.0365

■ 93.7140, 7.5360,
56.3788

■ 103.4310, 6.6895,
47.8570

■ 113.7350, 5.5536,
38.8204

■ 123.9250, 3.9810,
29.8838

■ 134.2290, 2.8451,
20.8472

■ 144.5330, 1.7092,
11.8106

■ 154.1360, 0.4260,
3.3887

■ 164.4400, -0.7099,
-5.6479

Harmonies

Analogous

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



84.1260, 26.0669, 39.3545



73.2200, 10.2445, 74.3521



72.7970, -11.7319, 76.4770

Triad

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



73.2200, 10.2445, 74.3521



73.7380, -36.3528, -6.7862



77.2990, 39.7856, -67.7912

Complementary

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



73.2200, 10.2445, 74.3521



110.7800, -10.2445, -74.3521

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.



74.1410, 22.6085, -65.0217



73.2200, 10.2445, 74.3521



60.9630, -17.7298, -53.4646

Square

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



73.2200, 10.2445, 74.3521



78.9640, -38.9293, 26.3416



68.8970, 2.5158, -60.4227



73.9540, 49.8157, -64.8577

Rectangle

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



73.2200, 10.2445, 74.3521



76.4800, -27.8446, 64.4770



68.8970, 2.5158, -60.4227



76.6320, 34.6914, -67.2063

Sweetspot

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



73.2200, 10.2445, 74.3521



173.6260, 4.1284, 29.2690



60.1840, 48.2233, 26.1486



84.3920, 2.2717, 18.0732



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



73.2200, 10.2445, 74.3521



73.9770, 15.7873, 116.6612



65.6960, -18.5841, 80.9506



73.8480, 0.5679, 4.5183



51.1930, 11.2439, 80.5147



5.3970, 1.2833, 8.4218

Inverse Universe

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



73.2200, 10.2445, 74.3521



73.9770, 15.7873, 116.6612



118.3040, 18.5841, -80.9506



73.8480, 0.5679, 4.5183



51.1930, 11.2439, 80.5147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 73.2200, 10.2445, 74.3521 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

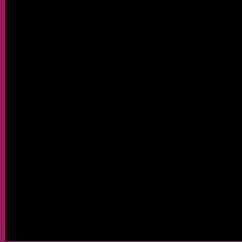
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2200, 10.2445, 74.3521

Background



This preview shows how black text looks on a background with the YUV color 73.2200, 10.2445, 74.3521.



This preview shows how white text looks on a background with the YUV color 73.2200, 10.2445,

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

73.2200, 10.2445, 74.3521

Protanopia

84.7590, 22.3038, -13.8206

Deuteranopia

86.5600, 0.7099, 5.6479



Tritanopia

76.7160, -15.6360, 68.6551

Trichromacy



Original Color

73.2200, 10.2445, 74.3521

Protanomaly

80.5180, 17.9856, 17.9627

Deuteranomaly

81.6370, 4.1230, 31.0134

Tritanomaly

75.5450, -6.1847, 70.5590

Monochromacy



Original Color

73.2200, 10.2445, 74.3521

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.2020, 3.8444, 27.0098

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2200, 10.2445, 74.3521 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(158, 26, 94)` looks like.

```
.text, #text, p{  
    color:rgb(158, 26, 94)  
}
```

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(158, 26, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 26, 94) }
```

Border

The CSS property to change the border of an element to YUV 73.2200, 10.2445, 74.3521 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(158, 26, 94) }
```


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

```
.border{ border-color:rgb(158, 26, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 26, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 26, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 26, 94);  
box-shadow:4px 4px 4px 4px rgb(158, 26,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 73.2200, 10.2445, 74.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 26, 94) }
```

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

```
.background{ background-color: rgb(158, 26,  
94) }
```

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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