

Converting Colors

YUV(64.7900, 12.4285, 73.8522)

Have a look what the booklet for
YUV(64.7900, 12.4285, 73.8522)
contains.

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Color

**YUV(64.7900, 12.4285,
73.8522)**

Conversions

Conversions Part 1

Format	Color
Hex	95115A
RGB	149, 17, 90
RGB Percent	58%, 7%, 35%
CMY	0.4157, 0.9333, 0.6471
CMYK	0.00, 0.89, 0.40, 0.42
HSL	327°, 80%, 33%
HSV	327°, 89%, 58%
XYZ	14.4403, 7.5286, 10.3649
YIQ	64.7900, 55.2390, 50.6870

Conversions

Conversions Part 2

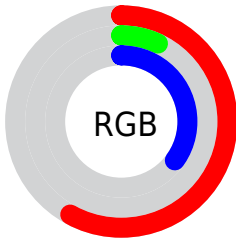
Format	Color
R_{YB}	149, 17, 90
Decimal	9769306
CIE Lab	32.98, 55.67, -6.87
CIE LCh	33, 56.094, 352.966
Yxy	7.5286, 0.4466, 0.2328
Android (android.graphics.Color)	4287959386 (0xFF95115A)
YUV	64.7900, 12.4285, 73.8522
Hunter-Lab	27.4384, 45.9243, -3.1901

Details

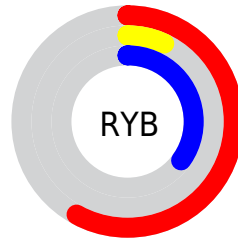
The YUV color **64.7900, 12.4285, 73.8522** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **101.2100, -12.4285, -73.8522**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4000, 7.1978, 71.5632**, and **32.9370, 5.9471, 52.6753** is the 20% darker color. If you saturate the color by 10%, you get **55.1870, 13.7118, 82.2740**, and if you desaturate by 10%, it is **74.3930, 11.1453, 65.4303**.

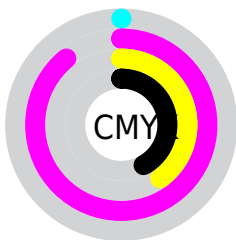
Distribution



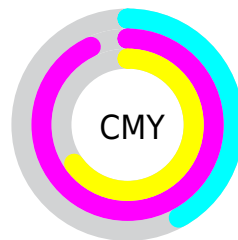
- Red (58%)
- Green (7%)
- Blue (35%)



- Red (58%)
- Yellow (7%)
- Blue (35%)



- Cyan (0%)
- Magenta (89%)
- Yellow (40%)
- Black (42%)



- Cyan (42%)
- Magenta (93%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7900, 12.4285, 73.8522 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 64.7900, 12.4285, 73.8522 by changing the saturation by 10% instead.

64.7900, 12.4285,
73.8522

64.7900, 12.4285,
73.8522

255.0000, 0.0000,
0.0000

43.8170, 11.4292,
67.6895

125.4000, 7.1978,
71.5632

32.9370, 5.9471,
52.6753

153.1830, 6.3188,
73.5075

22.4700, 0.7543,
38.1758

178.0790, 7.3561,
67.4597

11.7750, -5.3121,
23.8763

197.7070, 11.4834,
50.2460

0.0000, 0.0000,
0.0000

217.4490, 16.0476,
32.9322

235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

64.7900, 12.4285,
73.8522

64.7900, 12.4285,
73.8522

55.1870, 13.7118,
82.2740

74.3930, 11.1453,
65.4303

53.8990, 13.8538,
83.4036

83.8820, 9.4252,
57.1085

93.4850, 8.1419,
48.6867

103.0880, 6.8586,
40.2648

112.5770, 5.1385,
31.9430

■ 121.5930, 4.1447,
24.0359

■ 131.1960, 2.8614,
15.6141

■ 140.6850, 1.1413,
7.2923

■ 150.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



77.6310, 26.8039, 36.2806



64.7900, 12.4285, 73.8522



64.7800, -9.2585, 76.4919

Triad

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



64.7900, 12.4285, 73.8522



68.7320, -33.8849, -5.0270



72.0500, 37.4434, -63.1878

Complementary

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



64.7900, 12.4285, 73.8522



101.2100, -12.4285, -73.8522

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.



69.0060, 20.7030, -60.5183



64.7900, 12.4285, 73.8522



55.8280, -19.6352, -48.9612

Square

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



64.7900, 12.4285, 73.8522



73.3600, -36.1665, 26.8713



63.7620, 0.6103, -55.9193



69.5200, 48.0576, -60.9690

Rectangle

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



64.7900, 12.4285, 73.8522



69.3490, -25.8081, 64.5919



63.7620, 0.6103, -55.9193



71.4970, 32.7860, -62.7029

Sweetspot

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



64.7900, 12.4285, 73.8522



160.1530, 4.8546, 29.6838



49.0910, 49.2551, 21.8452



77.2070, 2.8559, 17.3585



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



64.7900, 12.4285, 73.8522



70.2040, 18.1404, 108.5691



57.4940, -15.5265, 80.2508



69.5490, 0.7153, 3.9035



49.9260, 12.8545, 77.2409



3.6740, 1.1467, 5.5479

Inverse Universe

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



64.7900, 12.4285, 73.8522



70.2040, 18.1404, 108.5691



108.5060, 15.5265, -80.2508



69.5490, 0.7153, 3.9035



49.9260, 12.8545, 77.2409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 64.7900, 12.4285, 73.8522 looks on a white background.

Color Contrast Check

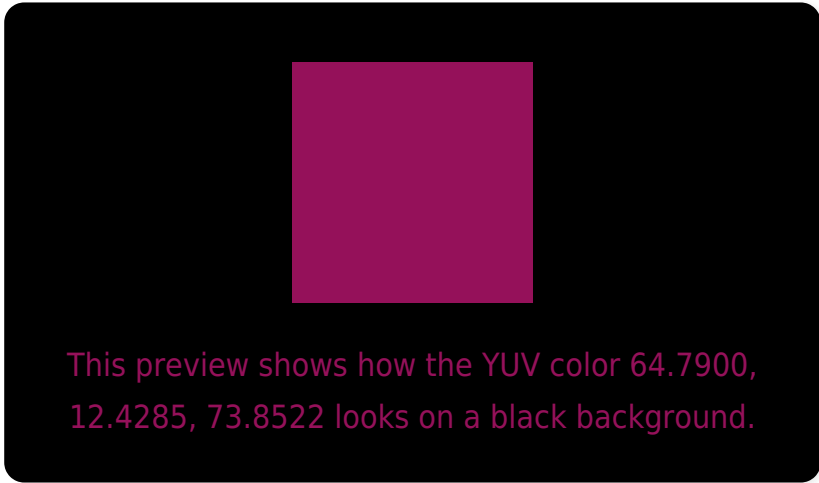
Large Text (above 18pt) WCAG AA ✓ Pass

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

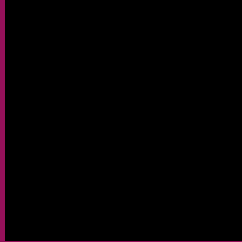
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7900, 12.4285, 73.8522

Background



This preview shows how black text looks on a background with the YUV color 64.7900, 12.4285, 73.8522.



This preview shows how white text looks on a background with the YUV color 64.7900, 12.4285,

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

64.7900, 12.4285, 73.8522

Protanopia

78.5030, 23.9090, -15.3501

Deuteranopia

80.1900, 1.8783, 4.2184



Tritanopia

70.5200, -15.0464, 66.1960

Trichromacy



Original Color

64.7900, 12.4285, 73.8522

Protanomaly

73.6750, 19.8802, 16.9480

Deuteranomaly

74.3810, 5.7282, 29.4839

Tritanomaly

68.1750, -5.0163, 69.1295

Monochromacy



Original Color

64.7900, 12.4285, 73.8522

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.3160, 4.2812, 26.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7900, 12.4285, 73.8522 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(149, 17, 90)` looks like.

```
.text, #text, p{  
    color:rgb(149, 17, 90)  
}
```

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(149, 17, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 17, 90) }
```

Border

The CSS property to change the border of an element to YUV 64.7900, 12.4285, 73.8522 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(149, 17, 90) }
```


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

```
.border{ border-color:rgb(149, 17, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 17, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 17, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 17, 90);  
box-shadow:4px 4px 4px 4px rgb(149, 17,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 64.7900, 12.4285, 73.8522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 17, 90) }
```

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

```
.background{ background-color: rgb(149, 17,  
90) }
```

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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