

Converting Colors

YUV(73.4520, -1.7018, 79.4106)

Have a look what the booklet for
YUV(73.4520, -1.7018, 79.4106)
contains.

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Color

**YUV(73.4520, -1.7018,
79.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	A41C46
RGB	164, 28, 70
RGB Percent	64%, 11%, 27%
CMY	0.3569, 0.8902, 0.7255
CMYK	0.00, 0.83, 0.57, 0.36
HSL	341°, 71%, 38%
HSV	341°, 83%, 64%
XYZ	16.8306, 9.1652, 6.6763
YIQ	73.4520, 67.5740, 41.8940

Conversions

Conversions Part 2

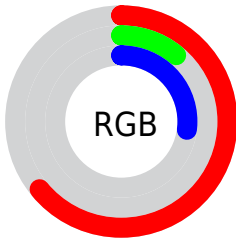
Format	Color
RYB	164, 28, 70
Decimal	10755142
CIELab	36.30, 55.34, 11.31
CIElCh	36, 56.484, 11.548
Yxy	9.1652, 0.5151, 0.2805
Android (android.graphics.Color)	4288945222 (0xFFA41C46)
YUV	73.4520, -1.7018, 79.4106
Hunter-Lab	30.2741, 46.2556, 8.1167

Details

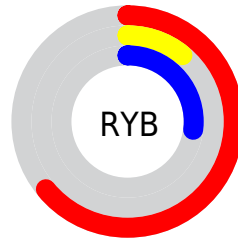
The YUV color **73.4520, -1.7018, 79.4106** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **118.5480, 1.7018, -79.4106**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0840, -6.9434, 80.6103**, and **34.5870, -3.2474, 61.7522** is the 20% darker color. If you saturate the color by 10%, you get **62.8060, -1.8764, 88.7471**, and if you desaturate by 10%, it is **84.0980, -1.5273, 70.0741**.

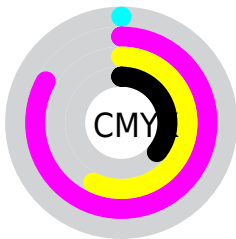
Distribution



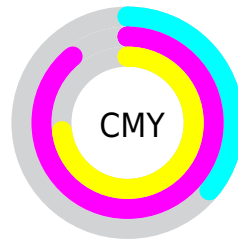
- Red (64%)
- Green (11%)
- Blue (27%)



- Red (64%)
- Yellow (11%)
- Blue (27%)



- Cyan (0%)
- Magenta (83%)
- Yellow (57%)
- Black (36%)





- Cyan (36%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.4520, -1.7018, 79.4106 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 73.4520, -1.7018, 79.4106 by changing the saturation by 10% instead.


 73.4520, -1.7018,
79.4106


 73.4520, -1.7018,
79.4106


255.0000, 0.0000,
0.0000


 45.8370, 1.0664,
78.1960


 132.0840, -6.9434,
80.6103


 34.5870, -3.2474,
61.7522

 160.6390, -8.6960,
82.7546

 23.0230, -11.3503,
47.3378

 180.1530, -5.0054,
65.6408

 15.1780, -6.4968,
30.5389

 199.6670, -1.3148,
48.5270

 0.0000, 0.0000,
0.0000

 219.2950, 2.8126,
31.3133

 239.6240, 7.0874,

13.4848

■ 73.4520, -1.7018,
79.4106

■ 73.4520, -1.7018,
79.4106

■ 62.8060, -1.8764,
88.7471

■ 84.0980, -1.5273,
70.0741

■ 54.8500, -1.8981,
95.7246

■ 95.4450, -1.2054,
60.1227

■ 106.0910, -1.0309,
50.7862

■ 117.3240, -1.1457,
40.9349

■ 128.0840, -0.5344,
31.4983

■ 138.7300, -0.3599,
22.1618

■ 149.9630, -0.4748,
12.3104

■ 160.7230, 0.1366,
2.8739

■ 171.9560, 0.0217,
-6.9774

Harmonies

Analogous

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



80.5650, 16.9765, 61.7715



73.4520, -1.7018, 79.4106



78.3600, -25.8135, 66.3363

Triad

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



73.4520, -1.7018, 79.4106



67.9800, -33.5141, -30.6775



77.1340, 46.7689, -67.6465

Complementary

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



73.4520, -1.7018, 79.4106



118.5480, 1.7018, -79.4106

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.



77.5780, 33.2390, -68.0359



73.4520, -1.7018, 79.4106



66.7310, -5.7834, -58.5231

Square

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



73.4520, -1.7018, 79.4106



78.5550, -38.7276, 8.2833



73.2630, 14.1673, -64.2517



69.8450, 51.8414, -61.2541

Rectangle

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



73.4520, -1.7018, 79.4106



79.7050, -39.2946, 50.2477



73.2630, 14.1673, -64.2517



78.0970, 42.8432, -68.4911

Sweetspot

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



73.4520, -1.7018, 79.4106



178.6710, -0.8238, 30.9835



71.3110, 45.6957, 43.5773



85.7080, -0.3490, 18.6731



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.



73.4520, -1.7018, 79.4106



71.5100, -2.7164, 124.9637



83.3390, -27.2821, 70.7397



76.0330, -0.0163, 5.2331



48.4850, -1.7181, 84.6437



6.0660, -0.0325, 10.4661

Inverse Universe

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



73.4520, -1.7018, 79.4106



71.5100, -2.7164, 124.9637



108.6610, 27.2821, -70.7397



76.0330, -0.0163, 5.2331



48.4850, -1.7181, 84.6437



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 73.4520, -1.7018, 79.4106 looks on a white background.

Color Contrast Check

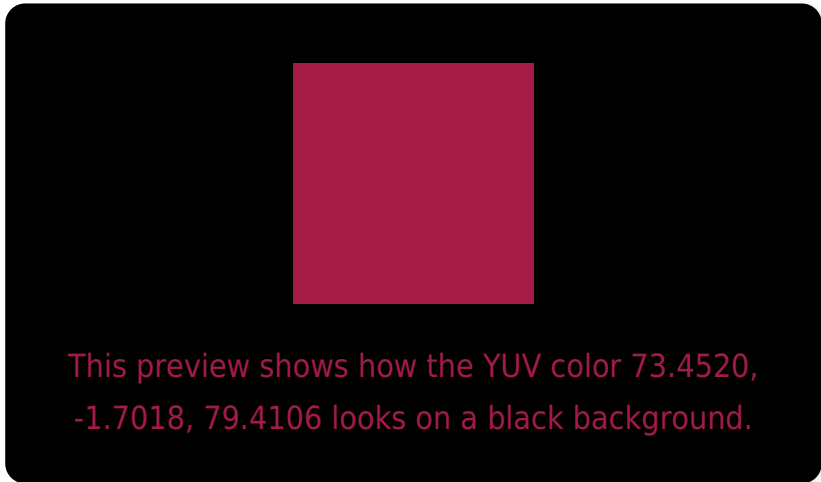
Large Text (above 18pt) WCAG AA ✓ Pass

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

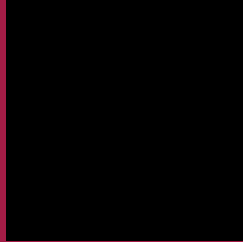
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.4520, -1.7018, 79.4106

Background



This preview shows how black text looks on a background with the YUV color 73.4520, -1.7018, 79.4106.



This preview shows how white text looks on a background with the YUV color 73.4520, -1.7018,

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

73.4520, -1.7018, 79.4106

Protanopia

86.9550, 4.9522, -1.7145

Deuteranopia

86.8140, -11.2473, 14.1951



Tritanopia

74.7880, -18.1365, 77.3619

Trichromacy



Original Color

73.4520, -1.7018, 79.4106

Protanomaly

82.1590, 2.3866, 27.9246

Deuteranomaly

81.8800, -7.8288, 37.8162

Tritanomaly

74.3950, -12.0267, 77.7066

Monochromacy



Original Color

73.4520, -1.7018, 79.4106

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.3610, -0.6710, 28.6244

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4520, -1.7018, 79.4106 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, 28, 70)` looks like.

```
.text, #text, p{  
    color:rgb(164, 28, 70)  
}
```

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, 28, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 28, 70) }
```

Border

The CSS property to change the border of an element to YUV 73.4520, -1.7018, 79.4106 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, 28, 70) }
```


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

```
.border{ border-color:rgb(164, 28, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 28, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 28, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 28, 70);  
box-shadow:4px 4px 4px 4px rgb(164, 28,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 73.4520, -1.7018, 79.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 28, 70) }
```

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

```
.background{ background-color: rgb(164, 28,  
70) }
```

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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