

Converting Colors

YUV(91.9250, 34.5470, 72.8568)

Have a look what the booklet for
YUV(91.9250, 34.5470, 72.8568)
contains.

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Color

**YUV(91.9250, 34.5470,
72.8568)**

Conversions

Conversions Part 1

Format	Color
Hex	AF24A2
RGB	175, 36, 162
RGB Percent	69%, 14%, 64%
CMY	0.3137, 0.8588, 0.3647
CMYK	0.00, 0.79, 0.07, 0.31
HSL	306°, 66%, 41%
HSV	306°, 79%, 69%
XYZ	24.8317, 12.9843, 35.3799
YIQ	91.9250, 42.3980, 68.6540

Conversions

Conversions Part 2

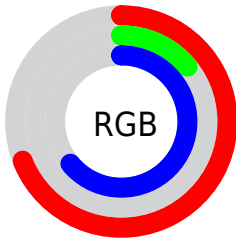
Format	Color
R_{YB}	175, 36, 162
Decimal	11478178
CIE Lab	42.74, 66.45, -36.22
CIE LCh	43, 75.682, 331.405
Yxy	12.9843, 0.3392, 0.1774
Android (android.graphics.Color)	4289668258 (0xFFAF24A2)
YUV	91.9250, 34.5470, 72.8568
Hunter-Lab	36.0338, 59.9490, -32.9904

Details

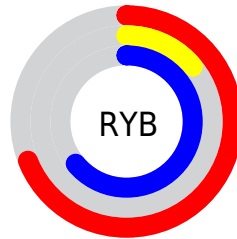
The YUV color **91.9250, 34.5470, 72.8568** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **119.0750, -34.5470, -72.8568**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2300, 31.9316, 71.7123**, and **47.8220, 30.6538, 61.5461** is the 20% darker color. If you saturate the color by 10%, you get **81.1310, 38.8824, 82.3231**, and if you desaturate by 10%, it is **102.7190, 30.2115, 63.3904**.

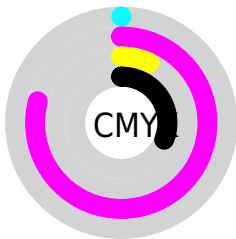
Distribution



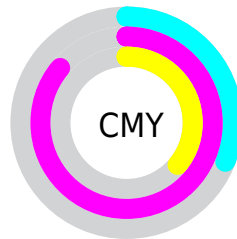
- Red (69%)
- Green (14%)
- Blue (64%)



- Red (69%)
- Yellow (14%)
- Blue (64%)



- Cyan (0%)
- Magenta (79%)
- Yellow (7%)
- Black (31%)





- Cyan (31%)
- Magenta (86%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.9250, 34.5470, 72.8568 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 91.9250, 34.5470, 72.8568 by changing the saturation by 10% instead.


 91.9250, 34.5470,
72.8568

 91.9250, 34.5470,
72.8568

255.0000, 0.0000,
0.0000


 59.0440, 37.4463,
76.2604


 152.2300, 31.9316,
71.7123


 47.8220, 30.6538,
61.5461


 178.8380, 33.1109,
66.7941


 36.8990, 23.7138,
47.4466


 196.3000, 28.9391,
51.4799

 26.3890, 17.0632,
33.8618

 213.3230, 20.5468,
36.5507

 15.5090, 11.5811,
18.8476

 230.3460, 12.1544,
21.6216

 2.2970, 6.2626,
-2.0145

 247.9560, 3.4727,

 0.0000, 0.0000,

6.1776

0.0000

■ 91.9250, 34.5470,
72.8568

■ 91.9250, 34.5470,
72.8568

■ 81.1310, 38.8824,
82.3231

■ 102.7190, 30.2115,
63.3904

■ 71.0380, 43.3653,
91.1747

■ 112.8120, 25.7287,
54.5389

■ 70.4510, 43.6547,
91.6895

■ 123.6060, 21.3932,
45.0725

■ 133.8130, 17.3472,
36.1210

■ 144.4930, 12.5750,
26.7546

■ 154.7000, 8.5289,
17.8031

■ 165.3800, 3.7567,
8.4367

■ 175.5870, -0.2894,
-0.5148

■ 186.3810, -4.6248,
-9.9811

Harmonies

Analogous

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



99.4680, 53.9993, -6.5494



91.9250, 34.5470, 72.8568



72.8090, 13.8982, 115.9315

Triad

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



91.9250, 34.5470, 72.8568



94.8790, -46.7753, 22.9081



92.7720, 35.6084, -81.3610

Complementary

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



91.9250, 34.5470, 72.8568



119.0750, -34.5470, -72.8568

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.



85.5900, 8.0901, -75.0624



91.9250, 34.5470, 72.8568



83.9500, -41.3873, -25.3891

Square

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



91.9250, 34.5470, 72.8568



92.7950, -45.7479, 66.8318



76.0770, -20.7440, -66.7195



95.7820, 57.2955, -84.0008

Rectangle

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



91.9250, 34.5470, 72.8568



68.1350, -4.0106, 120.0306



76.0770, -20.7440, -66.7195



91.0790, 26.5831, -79.8763

Sweetspot

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



91.9250, 34.5470, 72.8568



194.1450, 13.7325, 28.8138



55.4340, 58.9460, -6.5196



94.7000, 8.5289, 17.8031



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



91.9250, 34.5470, 72.8568



97.9280, 53.7725, 113.1961



84.1730, 4.8447, 79.6553



81.6030, 2.1677, 4.7332



60.3540, 37.2935, 78.6195



9.2710, 5.7824, 12.0403

Inverse Universe

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



91.9250, 34.5470, 72.8568



97.9280, 53.7725, 113.1961



126.8270, -4.8447, -79.6553



81.6030, 2.1677, 4.7332



60.3540, 37.2935, 78.6195



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 91.9250, 34.5470, 72.8568 looks on a white background.

Color Contrast Check

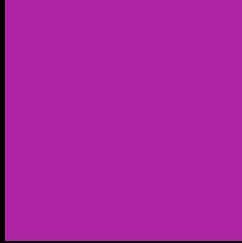
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.9250, 34.5470, 72.8568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

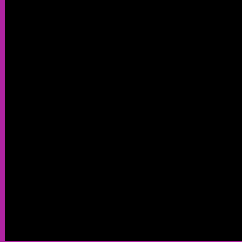
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.9250, 34.5470, 72.8568

Background



This preview shows how black text looks on a background with the YUV color 91.9250, 34.5470, 72.8568.



This preview shows how white text looks on a background with the YUV color 91.9250, 34.5470,

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

91.9250, 34.5470, 72.8568

Protanopia

81.3520, 62.9305, -71.3457

Deuteranopia

100.0510, 26.1039, -19.3387



Tritanopia

99.2740, -11.9671, 58.5187

Trichromacy



Original Color

91.9250, 34.5470, 72.8568



Protanomaly

85.0490, 52.7268, -18.4600



Deuteranomaly

96.7700, 29.2004, 14.2337



Tritanomaly

96.7750, 5.0409, 63.3413

Monochromacy



Original Color

91.9250, 34.5470, 72.8568



Achromatopsia

92.0000, 0.0000, 0.0000



Achromatomaly

92.0800, 12.2856, 26.2398

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9250, 34.5470, 72.8568 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(175, 36, 162)` looks like.

```
.text, #text, p{  
    color:rgb(175, 36, 162)  
}
```

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(175, 36, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 36, 162) }
```

Border

The CSS property to change the border of an element to YUV 91.9250, 34.5470, 72.8568 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(175, 36, 162) }
```


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

```
.border{ border-color:rgb(175, 36, 162) }
```

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

Here you see how a box with a 4 pixel rgb(175, 36, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 36, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 36, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 36,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 91.9250, 34.5470, 72.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 36, 162) }
```

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

```
.background{ background-color: rgb(175, 36,  
162) }
```

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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