

Converting Colors

YUV(81.8430, 32.1224, 57.1427)

Have a look what the booklet for
YUV(81.8430, 32.1224, 57.1427)
contains.

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Color

**YUV(81.8430, 32.1224,
57.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	932493
RGB	147, 36, 147
RGB Percent	58%, 14%, 58%
CMY	0.4235, 0.8588, 0.4235
CMYK	0.00, 0.76, 0.00, 0.42
HSL	300°, 61%, 36%
HSV	300°, 76%, 58%
XYZ	17.9300, 9.5714, 28.5062
YIQ	81.8430, 30.5250, 58.0530

Conversions

Conversions Part 2

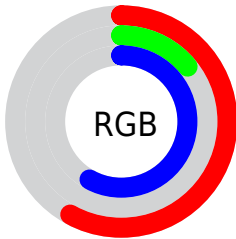
Format	Color
R_{YB}	147, 36, 147
Decimal	9643155
CIE _{Lab}	37.06, 58.04, -36.46
CIE _{LCh}	37, 68.544, 327.866
Yxy	9.5714, 0.3201, 0.1709
Android (android.graphics.Color)	4287833235 (0xFF932493)
YUV	81.8430, 32.1224, 57.1427
Hunter-Lab	30.9376, 49.3090, -32.9740

Details

The YUV color **81.8430, 32.1224, 57.1427** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **101.1570, -32.1224, -57.1427**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6150, 31.2488, 57.3426**, and **38.4520, 28.3712, 46.9616** is the 20% darker color. If you saturate the color by 10%, you get **73.0380, 36.4633, 64.8647**, and if you desaturate by 10%, it is **90.6480, 27.7815, 49.4207**.

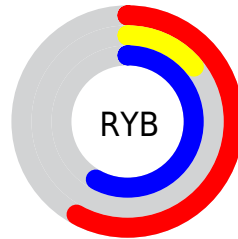
Distribution



Red (58%)

Green (14%)

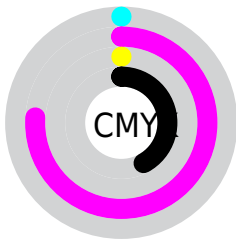
Blue (58%)



Red (58%)

Yellow (14%)

Blue (58%)

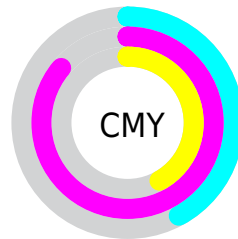


Cyan (0%)

Magenta (76%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (86%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8430, 32.1224, 57.1427 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 81.8430, 32.1224, 57.1427 by changing the saturation by 10% instead.

■ 81.8430, 32.1224,
57.1427

■ 81.8430, 32.1224,
57.1427

■ 255.0000, 0.0000,
0.0000

■ 49.3750, 35.3111,
61.0611

■ 138.6150, 31.2488,
57.3426

■ 38.4520, 28.3712,
46.9616

■ 166.9140, 31.1014,
57.9574

■ 27.8280, 21.2838,
33.4768

■ 192.7780, 30.6754,
54.5687

■ 18.1440, 15.2120,
20.9217

■ 209.2140, 22.5725,
40.1543

■ 2.9640, 11.3567,
-2.5994

■ 225.6500, 14.4696,
25.7400

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 6.0772,

10.8108

■ 81.8430, 32.1224,
57.1427

■ 81.8430, 32.1224,
57.1427

■ 73.0380, 36.4633,
64.8647

■ 90.6480, 27.7815,
49.4207

■ 64.8200, 40.5147,
72.0719

■ 98.8660, 23.7301,
42.2135

■ 60.7110, 42.5405,
75.6755

■ 107.6710, 19.3892,
34.4915

■ 116.4760, 15.0483,
26.7695

■ 125.2810, 10.7075,
19.0476

■ 133.4990, 6.6560,
11.8404

■ 142.3040, 2.3151,
4.1184

■ 151.1090, -2.0257,
-3.6036

■ 159.3270, -6.0772,
-10.8108

Harmonies

Analogous

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



83.8920, 50.8322, -17.4453



81.8430, 32.1224, 57.1427



63.9380, 14.8206, 100.0324

Triad

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



81.8430, 32.1224, 57.1427



82.4970, -40.6710, 24.9971



80.3020, 28.4451, -70.4249

Complementary

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



81.8430, 32.1224, 57.1427



101.1570, -32.1224, -57.1427

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.



73.3310, 4.2738, -64.3113



81.8430, 32.1224, 57.1427



74.8570, -36.9045, -16.5376

Square

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



81.8430, 32.1224, 57.1427



79.1950, -39.0431, 62.9730



64.3880, -22.3763, -56.4683



83.4430, 48.0956, -73.1795

Rectangle

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



81.8430, 32.1224, 57.1427



60.3180, -1.6358, 104.9611



64.3880, -22.3763, -56.4683



78.2500, 20.5828, -68.6252

Sweetspot

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



81.8430, 32.1224, 57.1427



165.1720, 12.7332, 22.6512



48.6540, 48.4846, -11.0976



81.1510, 7.8136, 13.8996



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.



81.8430, 32.1224, 57.1427



88.8620, 50.3540, 89.5750



75.5730, 8.0985, 62.6415



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Inverse Universe

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



81.8430, 32.1224, 57.1427



88.8620, 50.3540, 89.5750



107.5410, -7.6617, -62.7415



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 81.8430, 32.1224, 57.1427 looks on a white background.

Color Contrast Check

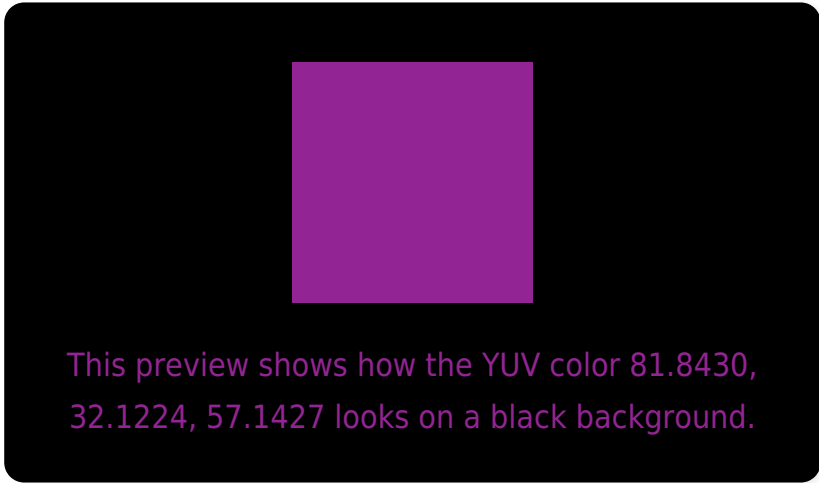
Large Text (above 18pt) WCAG AA ✓ Pass

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

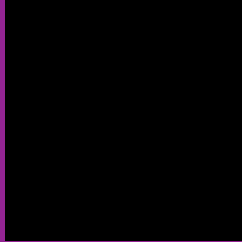
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.8430, 32.1224, 57.1427

Background



This preview shows how black text looks on a background with the YUV color 81.8430, 32.1224, 57.1427.



This preview shows how white text looks on a background with the YUV color 81.8430, 32.1224,

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

81.8430, 32.1224, 57.1427

Protanopia

70.5290, 54.4622, -61.8539

Deuteranopia

85.4420, 26.4041, -22.3126



Tritanopia

87.3970, -8.5767, 44.3788

Trichromacy



Original Color

81.8430, 32.1224, 57.1427



Protanomaly

74.4420, 46.6171, -18.8046



Deuteranomaly

84.1990, 28.4959, 6.8415



Tritanomaly

85.0290, 6.3947, 49.0866

Monochromacy



Original Color

81.8430, 32.1224, 57.1427



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

81.9330, 11.8650, 21.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8430, 32.1224, 57.1427 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(147, 36, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 36, 147)  
}
```

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(147, 36, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 36, 147) }
```

Border

The CSS property to change the border of an element to YUV 81.8430, 32.1224, 57.1427 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(147, 36, 147) }
```


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

```
.border{ border-color:rgb(147, 36, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 36, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 36, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 36, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 36,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 81.8430, 32.1224, 57.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 36, 147) }
```

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

```
.background{ background-color: rgb(147, 36,  
147) }
```

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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