

Converting Colors

YUV(82.1620, 44.7831, 9.5049)

Have a look what the booklet for
YUV(82.1620, 44.7831, 9.5049)
contains.

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Color

**YUV(82.1620, 44.7831,
9.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3BAD
RGB	93, 59, 173
RGB Percent	36%, 23%, 68%
CMY	0.6353, 0.7686, 0.3216
CMYK	0.46, 0.66, 0.00, 0.32
HSL	258°, 49%, 45%
HSV	258°, 66%, 68%
XYZ	13.6210, 8.4722, 40.4526
YIQ	82.1620, -16.3300, 42.6620

Conversions

Conversions Part 2

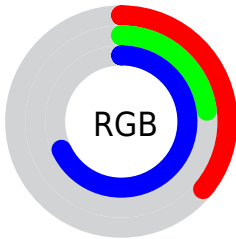
Format	Color
R_{YB}	93, 59, 173
Decimal	6110125
CIE _{Lab}	34.95, 42.05, -55.94
CIE _{LCh}	35, 69.981, 306.935
Yxy	8.4722, 0.2178, 0.1355
Android (android.graphics.Color)	4284300205 (0xFF5D3BAD)
YUV	82.1620, 44.7831, 9.5049
Hunter-Lab	29.1071, 32.5938, -62.0254

Details

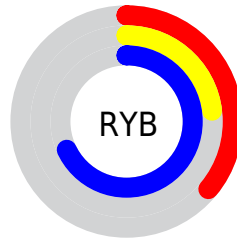
The YUV color **82.1620, 44.7831, 9.5049** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **149.8380, -44.7831, -9.5049**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0530, 46.8089, 13.1085**, and **30.0040, 44.3680, 2.6275** is the 20% darker color. If you saturate the color by 10%, you get **68.5950, 51.4717, 10.8792**, and if you desaturate by 10%, it is **95.7290, 38.0946, 8.1307**.

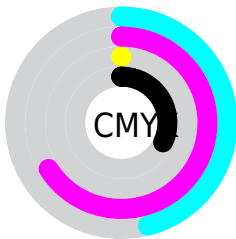
Distribution



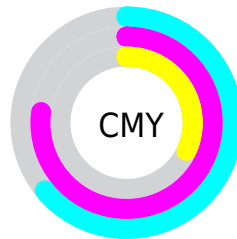
- Red (36%)
- Green (23%)
- Blue (68%)



- Red (36%)
- Yellow (23%)
- Blue (68%)



- Cyan (46%)
- Magenta (66%)
- Yellow (0%)
- Black (32%)



- Cyan (64%)
- Magenta (77%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1620, 44.7831, 9.5049 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 82.1620, 44.7831, 9.5049 by changing the saturation by 10% instead.

82.1620, 44.7831,
9.5049

82.1620, 44.7831,
9.5049

255.0000, 0.0000,
0.0000

56.6240, 44.0624,
7.3458

134.0530, 46.8089,
13.1085

30.0040, 44.3680,
2.6275

160.9500, 46.3667,
14.9529

10.7160, 41.0590,
-9.3979

185.4700, 34.2783,
18.8818

7.9800, 30.5759,
-6.9985

209.9900, 22.1899,
22.8108

7.5920, 18.9351,
-6.6582

232.1070, 11.2862,
20.0772

3.3230, 10.1938,
-2.9143

249.1300, 2.8939,

0.0000, 0.0000,

5.1480

0.0000

■ 82.1620, 44.7831,
9.5049

■ 82.1620, 44.7831,
9.5049

■ 68.5950, 51.4717,
10.8792

■ 95.7290, 38.0946,
8.1307

■ 54.4410, 58.4496,
12.7682

■ 109.8830, 31.1167,
6.2416

■ 40.8740, 65.1381,
14.1425

■ 123.4500, 24.4282,
4.8674

■ 35.2700, 67.9009,
14.6722

■ 137.3160, 17.5922,
4.1079

■ 151.4700, 10.6143,
2.2188

■ 165.0370, 3.9258,
0.8446

■ 178.6040, -2.7628,
-0.5297

■ 192.1710, -9.4513,
-1.9040

■ 206.3250,
-16.4292, -3.7930

Harmonies

Analogous

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



72.7120, 60.2880, -63.7684



82.1620, 44.7831, 9.5049



61.1220, 32.4779, 83.2080

Triad

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



82.1620, 44.7831, 9.5049



76.7590, -37.8422, 51.0774



71.7640, 10.9623, -62.9370

Complementary

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



82.1620, 44.7831, 9.5049



149.8380, -44.7831, -9.5049

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.



63.7500, -14.6667, -55.9087



82.1620, 44.7831, 9.5049



76.2180, -37.5755, 12.0868

Square

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



82.1620, 44.7831, 9.5049



60.5510, -21.9636, 91.6018



61.7340, -30.4349, -38.3547



78.0340, 34.9862, -68.4358

Rectangle

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



82.1620, 44.7831, 9.5049



62.1010, 14.2472, 97.2584



61.7340, -30.4349, -38.3547



69.5980, 2.6632, -61.0374

Sweetspot

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



82.1620, 44.7831, 9.5049



188.9030, 17.3028, 3.5931



120.1300, 26.0649, -53.6110



90.4700, 10.6143, 2.2188



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



82.1620, 44.7831, 9.5049



83.0250, 69.5007, 14.8871



98.6070, 36.6757, 43.3177



79.9230, 3.4890, 0.9445



30.5550, 58.8864, 12.6683



4.7150, 9.0145, 2.0039

Inverse Universe

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



102.2060, 18.1394, 62.0863



114.1730, 28.5087, 96.3183



133.3930, -36.6757, -43.3177



81.3750, 1.2941, 4.9331



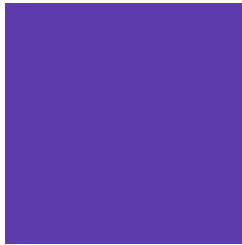
56.9340, 24.1895, 81.6189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 82.1620, 44.7831, 9.5049 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



This preview shows how the YUV color 82.1620, 44.7831, 9.5049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

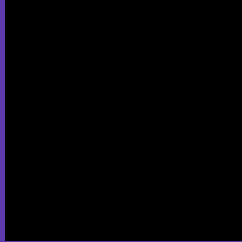
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1620, 44.7831, 9.5049

Background



This preview shows how black text looks on a background with the YUV color 82.1620, 44.7831, 9.5049.



This preview shows how white text looks on a background with the YUV color 82.1620, 44.7831,

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

82.1620, 44.7831, 9.5049

Protanopia

65.5250, 50.5202, -57.4654

Deuteranopia

65.9520, 39.4637, -57.8399



Tritanopia

80.9110, 4.9739, -8.6919

Trichromacy



Original Color

82.1620, 44.7831, 9.5049

Protanomaly

71.8100, 48.4077, -33.1594

Deuteranomaly

71.9750, 41.4243, -33.3041

Tritanomaly

81.4400, 19.5031, -2.1399

Monochromacy



Original Color

82.1620, 44.7831, 9.5049

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2620, 16.1398, 3.2782

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1620, 44.7831, 9.5049 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(93, 59, 173)` looks like.

```
.text, #text, p{  
    color:rgb(93, 59, 173)  
}
```

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(93, 59, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 59, 173) }
```

Border

The CSS property to change the border of an element to YUV 82.1620, 44.7831, 9.5049 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(93, 59, 173) }
```


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

```
.border{ border-color:rgb(93, 59, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 59, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 59, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 59, 173);  
box-shadow:4px 4px 4px 4px rgb(93, 59,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 82.1620, 44.7831, 9.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 59, 173) }
```

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

```
.background{ background-color: rgb(93, 59,  
173) }
```

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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